

20010222.qrp v02_n106.qrl.20010222

Date: Thu, 22 Feb 2001 19:03:10 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2106

QRP-L Digest 2106

Topics covered in this issue include:

- 1) [92285] Re: 3D2AG/p 28.020
by Bob Nielsen <nielsen@oz.net>
- 2) [92286] 7.040 MHz Crystals
by "Tim Sprouse" <n4cnu@home.com>
- 3) [92287] Re: [Interference]
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 4) [92288] Re: 7.040 MHz Crystals
by "Trevor Jacobs" <fxtech@earthlink.net>
- 5) [92289] Attic dipole DXCC -- got the last 2 cards.
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 6) [92290] NEQRP CW Net, Thursday, 22 Feb, 9:00PM EST, 3.561MHz
by "C. J. Ludinsky" <cjl@mitre.org>
- 7) [92291] WTB K2
by W8IRQ@aol.com
- 8) [92292] Re: SUMMARY: Re: Selling/Buying Stuff CAN -> US Broker Fees
by "Brian Murrey" <bmurrey@amexol.net>
- 9) [92293] Fw: 7.040 MHz Crystals
by "Tim Sprouse" <n4cnu@home.com>
- 10) [92294] Re: FOX - Preliminary log for Hunt 36
by "Brian Murrey" <bmurrey@amexol.net>
- 11) [92295] Call for article material
by Richard Arland <rarland@earthlink.net>
- 12) [92296] newbie question on qrp contests
by "Phil (VA3UX)" <phil@vaxxine.com>
- 13) [92297] [JOY]: Headcopy
by Rohn Blake <rohn@pubrats.com>
- 14) [92298] Re: FOX - Preliminary log for Hunt 36
by "Skip Leininger" <longbeard@cybernet1.com>
- 15) [92299] Re: Hotel Antenna
by mugglesto@ecentral.com
- 16) [92300] fs: AUDIO AMP BOARDS-BUILT \$10ppd
by RLucch2098@aol.com
- 17) [92301] Re: 7.040 MHz Crystals
by Paul Dryer <psdryer@ticnet.com>
- 18) [92302] Re: Fox Hunt #37 Announcement
by Pete Burbank <plburbank@kih.net>
- 19) [92303] Manhattan relay construction

- by Dave Pomeroy <dave_pomeroy@voyager.net>
- 20) [92304] Re: 7.040 MHz Crystals
by "Paul" <cybrinjn@gis.net>
- 21) [92305] Re: [GQRP] Antenna for 20m /P
by George Gingell <k3tks@u1.abs.net>
- 22) [92306] Re: Hotel Antenna
by Jeff Stai WK6I <jstai@home.com>
- 23) [92307] Re: _REALLY GOOD_ Tuning Tools, What to Get?
by "Rod Cerkoney" <n0rc@hotmail.com>
- 24) [92308] Re: [JOY]: Headcopy
by "John Moriarity" <k6qq@hdo.net>
- 25) [92309] FOX - Cub AF4PS Preliminary Log
by Macstein@aol.com
- 26) [92310] WQ8RP ARRL DX CW 2001 QRP
by "Don Chisholm" <don.chisholm@home.com>
- 27) [92311] Epiphyte-3 for sale. Unbuilt.
by JJ&A <w7ls@blarg.net>
- 28) [92312] Re: NF0R's antenna advice
by Jeff Logullo <logullo@earthlink.net>
- 29) [92313] Re: filter layout
by "Leon Heller" <leon_heller@hotmail.com>
- 30) [92314] WTB: DSW-30
by "Alan Fryer" <qrpdx@earthlink.net>
- 31) [92315] Re: Attic dipole DXCC -- got the last 2 cards.
by "William K. Harding" <k4ahk@ix.netcom.com>
- 32) [92316] RE: Attic dipole DXCC -- got the last 2 cards.
by Allen Randy <Allen_Randy@prc.com>
- 33) [92317] Field Day 2001: HELP!!
by Dragon Singer <dragonsinger@earthlink.net>
- 34) [92318] K5BDZ- NE602's shipped
by K5BDZ@aol.com
- 35) [92319] Re: FOX - Cub AF4PS Preliminary Log
by "Karl F. Larsen" <k5di@zianet.com>
- 36) [92320] MI QRP Net HELP
by ed.kwik@delphiauto.com
- 37) [92321] Getting Phone on an Argonaut
by "Karl F. Larsen" <k5di@zianet.com>
- 38) [92322] Re: NF0R's antenna advice
by Bill Coleman <aa4lr@arrl.net>
- 39) [92323] rant, was Re: NF0R's antenna advice
by Michael Neverdosky <mneverdosky@earthlink.net>
- 40) [92324] Re: NF0R's antenna advice
by Bruce Muscolino <w6toy@erols.com>
- 41) [92325] Re: rant, was Re: NF0R's antenna advice
by Bruce Muscolino <w6toy@erols.com>
- 42) [92326] Re: [JOY]: Headcopy
by "Phinizy, William" <wphinizy@filenet.com>
- 43) [92327] Klunky External Symbols

- by <wd9eyb@butler.qrp.com>
- 44) [92328] Where to get Anti-static pad for workbench?
by agtaylor@llnl.gov
- 45) [92329] Ocean State Electronics
by Ken Brown <n4so@juno.com>
- 46) [92330] A&A Engineering Battery Charger Question
by Michael Melland <badger@vbe.com>
- 47) [92331] Re: _REALLY GOOD_ Tuning Tools, What to Get?
by Bob Kellogg <ae4ic@nr.infi.net>
- 48) [92332] OT Logbooks
by ac5ez@webtv.net (Larry)
- 49) [92333] Photometric Power Measurement
by "Conant, Paul" <paul.conant@lmco.com>
- 50) [92334] NorCal Toroid Kit Returns!!
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 51) [92335] RE: _REALLY GOOD_ Tuning Tools, What to Get?
by "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
- 52) [92336] Re: Replacement fo MC1350
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 53) [92337] RE: Photometric Power Measurement
by "AI2Q Alex" <ai2q@adelphia.net>
- 54) [92338] Re: Oh no....the dreaded D68C 'not in log'
by Paul Brice-Stevens <paul@g0wat.demon.co.uk>
- 55) [92339] Re: OT Logbooks
by "Juan Ferrari" <puntrad@usa.net>
- 56) [92340] LED Voltage Drop
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 57) [92341] Inductor and Capacitor Questions
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
- 58) [92342] Re: LED Voltage Drop
by "Mike Yetsko" <myetsko@insydesw.com>
- 59) [92343] Re: [JOY]: Headcopy
by Paul Dryer <psdryer@ticnet.com>
- 60) [92344] Re: LED Voltage Drop
by geoff allsup <gallsup@whoi.edu>
- 61) [92345] Re: 7.040 MHz Crystals
by Paul Dryer <psdryer@ticnet.com>
- 62) [92346] Re: [JOY]: Headcopy
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
- 63) [92347] Re: _REALLY GOOD_ Tuning Tools, What to Get?
by Paul Dryer <psdryer@ticnet.com>
- 64) [92348] Toroid Kits are moving fast.
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 65) [92349] Re: Inductor and Capacitor Questions
by "Mike Yetsko" <myetsko@insydesw.com>
- 66) [92350] Anyone used a QRP+ for PSK31 or any digimodes?
by Jim Hale <kj5tf@yahoo.com>
- 67) [92351] Guys, please include mailing label with toroid orders.

- by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 68) [92352] Suggestions on learning Morse code
by Rod Eng <RENG@kimcontrols.com>
- 69) [92353] RE: LED Voltage Drop
by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
- 70) [92354] Re: Inductor and Capacitor Questions
by Rick Robinson <rrobbins@email.uncc.edu>
- 71) [92355] Silicon Diodes
by Ken Brown <n4so@juno.com>
- 72) [92356] T32RD
by "John L. Sielke" <w2agn@pobox.com>
- 73) [92357] Re: Suggestions on Learning Morse Code
by Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
- 74) [92358] Re: Suggestions on learning Morse code
by John Birkett <jbirk44@yahoo.com>
- 75) [92359] Re: T32RD
by John Harper AE5X <ae5x@qsl.net>
- 76) [92360] FOX - The Mardis Gras fox - reconstituted - Early Warning
by n5ib@juno.com
- 77) [92361] Re: [JOY]: Headcopy
by "Phil (VA3UX)" <phil@vaxxine.com>
- 78) [92362] Diode Voltage Drop
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 79) [92363] FS ham items
by ac5ez@webtv.net (Larry)
- 80) [92364] Re: Suggestions on learning Morse code
by Bryn Joynes <bryn@pcpractice.com>
- 81) [92365] Re: Where to get Anti-static pad for workbench?
by "Don Wilhelm" <w3fpr@arrl.net>
- 82) [92366] Re: Suggestions on learning Morse code
by Pete Burbank <plburbank@kih.net>
- 83) [92367] Re: Suggestions on learning Morse code
by Stephen Hawkins <grayline@mindspring.com>
- 84) [92368] Re: Suggestions on learning Morse code
by Bruce Muscolino <w6toy@erols.com>
- 85) [92369] Re: A&A Engineering Battery Charger Question
by "Don Wilhelm" <w3fpr@arrl.net>
- 86) [92370] [CONTEST]QRP Contest Calendar - Feb 24/Mar 11
by Ken Newman <N2CQ@citnet.com>
- 87) [92371] Diode Voltage Drop
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 88) [92372] Re: Diode Voltage Drop
by =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>
- 89) [92373] Manhattan construction pads
by Andrew Madsen <andrew@utahdesign.com>
- 90) [92374] MI QRP Website ???
by Fred Lesnick <flesnick@tbaytel.net>
- 91) [92375] Re: Manhattan construction pads

- by "Tony Fishpool" <g4wif@btinternet.com>
- 92) [92376] Re: Manhattan construction pads
by "Paul Harden, NA5N" <na5n@rt66.com>
- 93) [92377] Re: Manhattan construction pads
by Bill Jones <kd7s@psnw.com>
- 94) [92378] Re: MI QRP Website ???
by "Russ Hines" <radioruss@fuse.net>
- 95) [92379] RE: MI QRP Website ???
by "David Bixler" <qrp@netins.net>
- 96) [92380] GQPlus allband transceiver
by "Mark Paley" <mpaley@wcnet.org>

Date: Wed, 21 Feb 2001 16:00:54 -0800
From: Bob Nielsen <nielsen@oz.net>
To: qrp-l@lehigh.edu
Subject: [92285] Re: 3D2AG/p 28.020
Message-ID: <20010221160054.A3103@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Feb 21, 2001 at 06:05:52PM -0500, Fred Lesnick wrote:
> Just worked 3D2AG on 28.020(22:58 z) Feb 21/01.
> Worked him running 5 watts. Had to try a few times for him to get my
> call, but alas, magic.
> Fred
> VE3FAL

Just wait a short bit and you'll find several other 3D2 calls
appearing, but these will be Conway Reef, which will generate some real
pileups!

Ten has been quite good. I worked T32RD and D68C within a five minute
span this morning running 5 watts into a wire antenna.

Bob, N7XY

Date: Wed, 21 Feb 2001 19:56:46 -0500
From: "Tim Sprouse" <n4cnu@home.com>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [92286] 7.040 MHz Crystals
Message-ID: <004301c09c6a\$5499b5c0\$06a70a18@chstfld1.va.home.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I need a good price on crystals. Who should I try? Tim

Date: Wed, 21 Feb 2001 19:07:35 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92287] Re: [Interference]
Message-ID: <001601c09c6b\$d810fe80\$51713ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Mike,

You said that radar has been ruled out but I wonder why? Is it because the emission is heard on several different repeaters at the SAME time? If so then I agree, since they would be separated at a distance and the radar's antenna beam wouldn't be aimed at all of them all at the same time. Radars are sometimes a problem here in Texas since 420-450 MHz is shared with the military.

Since the interference that you speak of is sweeping in frequency and intermittent it is most likely a spurious emission from defective a two-way or pager transmitter somewhere. I have witnessed this before. As the transmitter heats up the spur drifts in frequency.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
<http://www.geocities.com/aa5tb>

Date: Wed, 21 Feb 2001 17:10:27 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <n4cnu@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92288] Re: 7.040 MHz Crystals
Message-ID: <001601c09c6c\$3fabd240\$8f100a0a@gforsythe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Tim and All,

7.040 MHz crystals in HC-49U holders can be purchased from Norcal.
Here's the web page:

<http://www.fix.net/~jparker/norcal/kits/kits.htm>

Scroll down near the bottom of the page, and you'll see the info. They're like \$3.00 each (a good price!) shipped to your QTH. Hope this helps...

73

Trev

KG6CYN

----- Original Message -----

From: "Tim Sprouse" <n4cnu@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, February 21, 2001 4:56 PM

Subject: 7.040 MHz Crystals

> I need a good price on crystals. Who should I try? Tim

>

>

Date: Wed, 21 Feb 2001 20:25:18 -0500

From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>

To: "Qrp-L" <qrp-l@Lehigh.EDU>, "NoVaQRP" <NoVaQRP@topica.com>

Subject: [92289] Attic dipole DXCC -- got the last 2 cards.

Message-ID: <GCECIJFJPOHMCKACOA0BCENACDAA.jakecart@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I received #99 and #100 today -- confirming 100 countries worked in 2000 on my attic 10/15/20m fan wire dipole. Only problem is that 7 are QR0. I still have 30 QRP countries outstanding -- hope I get cards from at least 7.

Jake - N4UY

Vienna, VA

(Wash DC suburbs)

Date: Wed, 21 Feb 2001 20:36:18 -0500
From: "C. J. Ludinsky" <cjl@mitre.org>
To: neqrp@jona1.net, qrp-1@lehigh.edu
Subject: [92290] NEQRP CW Net, Thursday, 22 Feb, 9:00PM EST, 3.561MHz
Message-ID: <3A946D11.3678E760@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's WQ1RP CW net will meet again Thursday night, 22 February, at 9:00 PM EST (0200Z, 23 Feb), on or near 3.561 MHz. Net control op for this week's session will be Chuck, K1CL, operating from Chelmsford, MA.

Stop by and say hello. Conditions on 80M have been excellent the last few weeks.

72 de K1CL,
Chuck.

Date: Wed, 21 Feb 2001 20:51:20 EST
From: W8IRQ@aol.com
To: qrp-1@lehigh.edu
Subject: [92291] WTB K2
Message-ID: <4a.11c457e7.27c5ca98@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi: Does anyone have a partially finished K2, that for some reason or other, they do not have the time or inclination to finish. I'm retired and my trusty soldering iron needs work. Just missed out on the one that was for sale a few days ago on QRP-L. Would like something similar. I can be reached at 330-225-7499. E.S.T. please, no calls after 10:00 p.m. Nick W8IRQ

Date: Wed, 21 Feb 2001 20:49:26 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92292] Re: SUMMARY: Re: Selling/Buying Stuff CAN -> US Broker Fees
Message-ID: <002b01c09c71\$b1b15400\$0964030a@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Skim, the "vig", ransom, blackmail, extortion, whatever you call it, it boils down to plain old theft.

----- Original Message -----

From: "Phil Wheeler" <w7ox@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 21, 2001 5:45 PM
Subject: Re: SUMMARY: Re: Selling/Buying Stuff CAN -> US Broker Fees

>
>
> ZOOM wrote:
> >
> > No duties on radio gear in Canada just tax and brokerage.
>
> What is "brokerage"?
>
> Phil
>

Date: Wed, 21 Feb 2001 20:54:18 -0500
From: "Tim Sprouse" <n4cnu@home.com>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [92293] Fw: 7.040 MHz Crystals
Message-ID: <001101c09c72\$5de57ee0\$06a70a18@chstfld1.va.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 21, 2001 8:10 PM
Subject: Re: 7.040 MHz Crystals

> Hi Tim and All,
> 7.040 MHz crystals in HC-49U holders can be purchased from Norcal.

> Here's the web page:
>
> <http://www.fix.net/~jparker/norcal/kits/kits.htm>
>
> Scroll down near the bottom of the page, and you'll see the info. They're
> like \$3.00 each (a good price!) shipped to your QTH. Hope this helps...
>
> 73
> Trev
> KG6CYN
> ----- Original Message -----
> From: "Tim Sprouse" <n4cnu@home.com>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, February 21, 2001 4:56 PM
> Subject: 7.040 MHz Crystals
>
>
> > I need a good price on crystals. Who should I try? Tim
> >
> >
>

Date: Wed, 21 Feb 2001 20:53:35 -0500
From: "Brian Murrey" <bmmurray@amexol.net>
To: <n5tw@igg-tx.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92294] Re: FOX - Preliminary log for Hunt 36
Message-ID: <003d01c09c72\$45c4bce0\$0964030a@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice job Tom, very nice. From the looks of the log, you earned the WAB
award in one night!! Congrats!!!

Huh? What's WAB? Worked All Brian's

----- Original Message -----
From: "Tom Whiteside" <n5tw@igg-tx.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, February 21, 2001 6:45 PM
Subject: FOX - Preliminary log for Hunt 36

> Gang,
> Thanks for another wild ride! 120 pelts counting mine and after
> removing 2 dups. After operating flawlessly during the ARRL DX CW
contest
> this weekend and also in practice sessions, the computer gave me more
> troubles last night and my apologies for the poor sending it was doing!
> The problem was not solved by exiting and getting back into TR and decided
> that the clever hounds seemed to be doing ok so just proceeded. It was
> really weird to have keystrokes and messages delayed from being seen by
> about a second as you typed which was also part of the behavior! But I
got
> used to counting backspaces and the like and it really did not slow things
> up too much.
>
> Conditions seemed sort of strange - the bands were nice and quiet but
> seemed especially short at the start of the hunt. Texas stations which
> would be normally be a tough go were unbelievably loud and it was a
struggle
> to hear the outer edges in the first part of the hunt. But all in all,
> conditions seemed very good.
>
> The hounds were generally very well behaved but there was a bizillion
of
> you! A few folks misbehaved by constantly putting their calls in on top
of
> exchanges or after I'd sent a partial call - this really slowed things
down
> at time - especially since I was trying to put less strong stations in the
> log. By the way, I always turned the dial after completing the intended
> QSO so these folks were not rewarded for this! But the vast majority did
> really well as usual - I just point this out as gentle coaching...
>
> An English expatriot told me this morning that the din from all you
> hounds created "quite a flutter on the DX cluster" last night. People
were
> trying to discover what all the excitement was about on 7045!!! And we
had
> a couple of QRO folks stop by which we tried to work quickly. At one
point
> in the hunt the SSB QRM got just too awful and I announced a QSY and
headed
> lower. Some clever hounds found me again quickly and then the hunt
> resumed. Later someone started calling CQ on my transmit frequency and
> kept asking me to QSY which I did yet again... That cost some time but
> again, the conditions really were quite good. Mac - AF4PS called in
again
> at the end with 500mW and was quite easy copy.
>

> By the way, an unplanned business trip to San Jose kept me out of the
> fox hunt last Thursday and ended my no pelts missed streak. I was
> relieved (but not surprised) when I worked Bruce (da champ) N1LN last
> night - it would sure have seemed like a Clinton pardon if I'd have missed
> him!

> Again, my thanks to the committee for letting me do this and thanks to
> you all for making it a very memorable experience for me. My country
total

> (QRO and QRP) is around 304 and would never have gotten off the ground in
CW

> were it not for the experience gained in these hunts. And this fox
> business is an amazing opportunity to further improve skills. This hunt
> was my personal best and again thanks! And apologies for those that I did
> not work! The preliminary log is below and I'm sure needs a tweak or
> two...

> Tom Whiteside

> N5TW Georgetown, TX

> Preliminary log with dups removed

> 02:01	K0PC	559	MN	PAT	5W
> 02:02	K5LN	559	TX	BILL	5W
> 02:03	WA50JE	559	TX	DANNY	5W
> 02:03	KK5LD	559	TX	DAN	5W
> 02:04	K5AAR	559	OK	DON	5W
> 02:04	N5ET	559	TX	BOB	5W
> 02:05	W5HNS	559	TX	HENRY	5W
> 02:06	KQ5U	559	TX	TERRY	5W
> 02:07	N1LN	559	TX	BRUCE	5W
> 02:08	WE9K	599	WI	GLENN	5W
> 02:09	N1FN	559	CO	ET	5W
> 02:10	N2WW	559	CO	LARRY	5W
> 02:11	K0EVZ	599	ND	DOC	5W
> 02:11	K10J	559	TX	OJ	5W
> 02:13	W5SB	559	TX	BILL	5W
> 02:14	AC5JH	559	OK	TOM	5W
> 02:15	N5IW	599	TX	DAVE	5W
> 02:16	NQ7X	559	AZ	FLOYD	5W
> 02:16	W9XU	559	WI	LON	5W
> 02:17	K5ZTY	559	TX	BILL	5W
> 02:18	AA0ZZ	559	MN	CRAIG	5W
> 02:19	WA9TZE	559	WI	JIM	5W
> 02:20	K0MP	559	CO	BILL	5W
> 02:21	W5YR	559	TX	GEORGE	5W
> 02:22	W0PWE	559	IA	JERRY	5W
> 02:22	NK7M	579	AZ	BOB	5W

> 02:23	W0CH	599	MO	DAVE	5W
> 02:23	W5PF	599	TX	PAUL	5W
> 02:24	W0RSP	589	SD	ADE	2W
> 02:24	N0UR	579	MN	JIM	5W
> 02:25	K5EOA	55N	LA	WAYNE	5W
> 02:26	N9AW	559	WI	JERRY	5W
> 02:27	N4SO	599	AL	KEN	5W
> 02:29	K4ST	599	GA	KI	1KW
> 02:30	N1TP	559	FL	TOM	5W
> 02:31	N0DSP	559	CO	TOM	5W
> 02:31	N8IE	559	OH	DAN	5W
> 02:33	K9IS	559	WI	STEVE	5W
> 02:34	N5UW	599	OK	CLIF	5W
> 02:35	K5DI	599	NM	KARL	5W
> 02:36	W5YA	579	NM	FRED	5W
> 02:37	K4ADI	559	SC	FRANK	5W
> 02:38	K7FD	559	OR	JOHN	5W
> 02:39	NK9G	559	WI	RICK	5W
> 02:39	W5TB	559	TX	DOC	5W
> 02:40	K5VUU	559	TX	ED	5W
> 02:41	WA5REJ	559	TX	ALLEN	5W
> 02:42	N4ROA	559	VA	DAN	4W
> 02:43	KI0II	559	CO	RON	5W
> 02:45	AE9K	559	WI	BRIAN	5W
> 02:46	KB9BVN	599	IN	BRIAN	5W
> 02:47	C6A/K7RE	559	C6A	BRIAN	5W
> 02:48	W9XT	559	WI	GARY	5W
> 02:49	N0AR	559	MN	SCOTT	5W
> 02:50	VA6RF	559	AB	EARL	5W
> 02:52	K5JHP	559	TX	BILL	5W
> 02:53	WA0SXU	559	MO	MIKE	5W
> 02:53	KJ0C	559	MO	JIM	5W
> 02:54	VE5RC	559	SK	BRUCE	5W
> 02:55	WE6W	599	CA	ED	5W
> 02:56	N8VAR	559	OH	RON	5W
> 02:59	K4TJD	559	GA	TOM	5W
> 03:00	W0J0E	559	MO	JOE	5W
> 03:01	K4BYF	559	FL	JACK	5W
> 03:02	N5IB	559	LA	JIM	5W
> 03:03	K5DW	559	TX	DON	5W
> 03:04	K5HKX	599	TX	PAUL	5W
> 03:04	W9HL	579	IL	RANDY	5W
> 03:05	W8RU	599	MI	RON	3W
> 03:06	K4FB	599	TX	PAUL	5W
> 03:07	W5USJ	559	TX	CHUCK	3W
> 03:08	W8PC	559	SC	BOB	5W
> 03:09	AK7Y	559	AZ	GREG	5W
> 03:10	WA7TQK	559	ID	BILL	5W

> 03:11	W6ABC	599	CA	JACK	5W
> 03:12	N4PT	599	AZ	ART	100W
> 03:13	K5AEM	559	TX	JON	5W
> 03:14	AF4LQ	599	KY	MIKE	5W
> 03:15	K0FRP	579	CO	AL	5W
> 03:16	K500R	599	NM	VIRGIL	5W
> 03:16	K50I	559	NM	TIM	5W
> 03:18	W8PIG	559	OH	DAN	5W
> 03:18	W3ERU	559	MD	WES	5W
> 03:21	VE6JAZ	559	AB	ROB	5W
> 03:22	W0RW	559	CO	PAUL	5W
> 03:24	AA7EQ	559	AZ	BOB	5W
> 03:25	K0YWD	559	MT	GEORGE	5W
> 03:26	K9IUA	559	IL	KEVIN	5W
> 03:26	WU9F	559	WI	TERRY	5W
> 03:27	KC1FB	559	CT	JIM	5W
> 03:27	WS4S	559	TN	CONARD	5W
> 03:29	K8CV	559	FL	WALT	5W
> 03:30	NK6A	559	CA	DON	5W
> 03:31	K5TCC	559	TX	DOC	5W
> 03:32	AA2PF	559	NY	DAVE	5W
> 03:32	AA7XA	559	OR	FRANK	5W
> 03:33	AB0GO	559	CO	DAVE	5W
> 03:35	N6WG	559	CA	BOB	5W
> 03:36	KB7WW	559	OR	ART	5W
> 03:36	W0UFO	559	MN	BILL	5W
> 03:37	AC7CF	559	UT	ANDY	5W
> 03:38	AF4GP	559	GA	CHUCK	4W
> 03:39	N5EN	559	TX	STEVE	5W
> 03:40	W1HUE	559	ID	LARRY	5W
> 03:41	W7AQK	559	AZ	DAVE	5W
> 03:42	WB8ICN	559	MI	MIKE	5W
> 03:43	K6VNX	559	CA	ARLEN	5W
> 03:44	WV9N	559	OH	RANDY	5W
> 03:45	WK6I	599	CA	JEFF	5W
> 03:47	AD6JV	559	CA	BILL	5W
> 03:49	N4VM	559	TN	BRYAN	5W
> 03:49	W2XN	559	FL	FRED	5W
> 03:51	N0HRL	559	MN	KEN	5W
> 03:52	VE6EX	559	AB	DAN	5W
> 03:52	NV4V	559	KY	PETE	5W
> 03:54	KD7CTF	559	OR	LEE	5W
> 03:57	AF4PS	599	FL	MAC	500MW
> 03:58	KI0RB	559	CO	VINCE	5W
> 03:59	AB0CD	559	CO	DICK	5W
> 04:00	N5TW	559	TX	FOX	5W

>

>

>

Date: Wed, 21 Feb 2001 21:04:39 -0500
From: Richard Arland <rarland@earthlink.net>
To: QRP List <qrp-l@lehigh.edu>, Eastern PA QRP Club <epaqrp-l@lehigh.edu>
Subject: [92295] Call for article material
Message-ID: <3A9473B7.83C7CC8A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI Gang:

It's been a busy few months at K7SZ.

I'm in need of material for an upcoming column or two about QRP To-The-Field operation. What I really want are some funny anecdotes about operating from the field. So, if you've had a funny experience, or an unscheduled visit from Edsel Murphy or possibly some really weird things have happened to you while operating QRP from the field, write them up and send them to me via private e-mail.

I'm looking for short articles of no more than 3-4 paragraphs in length. Brevity is essential, realizing that several of these mini-articles will be edited to fit a one page column in QST. (Should you feel the need to lobby Steve Ford, WB8IMY, Editor of QST (sford@arrl.org), on my behalf to request an additional page of QRP Power on a monthly basis, don't let fear hold you back...if Steve gets enough response from the QRP community maybe we can get two pages of QRP material in each month's QST!!)

At any rate, what I'm looking for are funny short stories about your exploits operating QRP from the bush. Your name and call will be included with your submission when published in QRP Power. (Should you have a really embarrassing incident and you don't want your name to be included, just insert Chuck Adams' name and callsign and I'll take it from there!!...HI!)

73 Rich K7SZ

Date: Wed, 21 Feb 2001 21:17:01 -0500
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: qrp-l@Lehigh.EDU

Subject: [92296] newbie question on qrp contests
Message-ID: <3.0.5.32.20010221211701.0079f8d0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gents.

Can anyone give me a quick rundown on upcoming QRP contests and how they're run? I subscribed to this list out of curiosity but some of the posts I've seen about contests look intriguing. This looks like a refreshing change from QRO etc.

My amps have been sitting idle for years; I burned-out after hitting 320 countries back in '92 and haven't done much since.

Thanks

Phil

Date: Wed, 21 Feb 2001 21:20:45 -0500 (EST)
From: Rohn Blake <rohn@pubrats.com>
To: qrp-l@lehigh.edu
Subject: [92297] [JOY]: Headcopy
Message-ID: <Pine.LNX.4.10.10102212109330.7934-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Usually, even when I'm just spinning around the band, I've got some kind of hardcopy going (pen/paper, laptop into notepad.exe, stick/sand).

Out of nowhere I noticed that I was just listening along and holding the letters in my head... "...a..m..e...i..s..." ok, "name is" then I got "i..l..l....b..i..l..l.." BILL! HIS NAME IS BILL! I'm copying in MY HEAD! This MUST be what headcopy is! (I'm sure it's really hearing and holding whole words, but I don't care right now <vbg>)

Okay, so it was up past 7.100 and was only going at best about 10wpm... but I was doing it! PSYCH!

And hey, that's another thing I've noticed... when I'm really trying to copy, giving it some concentration, I'm copying at best 10wpm. When I'm not really giving it my all I can jot down what I'm hearing at near 18wpm. (I sometimes have CWGet going to confirm my copy, and it gives me the speed)

Now I just have to figure out how to not really try to headcopy and maybe I'll get the whole thing without paper at 28wpm?

73 de Rohn, KROHN

Date: Wed, 21 Feb 2001 19:49:03 -0700
From: "Skip Leininger" <longbeard@cybernet1.com>
To: <n5tw@igg-tx.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92298] Re: FOX - Preliminary log for Hunt 36
Message-ID: <011401c09c7a\$055d07e0\$0ce6aa3f@cybernet1>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The books strike again name is SKIP..... thanks Tom

> 03:25 K0YWD 559 MT GEORGE 5W

Date: Wed, 21 Feb 2001 19:23:50 -0700 (MST)
From: mugglesto@ecentral.com
To: Jeff Stai WK6I <jstai@home.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92299] Re: Hotel Antenna
Message-ID: <Pine.LNX.4.10.10102211913480.7937-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm old enough to remember when stuff like this was gratis 8^). Haven't thought about not being able to bring it back to my room - but a guy's got to practice and I may as well use the 100' cord instead of renting a short one and the long one 8^).

So your suggesting a heavy (up to 3 wire) long wire 100' long and a counterpoise (say 1/4 wave) and a tuner. That sounds good to me.

Just wrap it around the room - counterpoise going the other direction and I'm on the air.

I may just have to give it a try some night (my XYL is really going to think I'm nuts - you'd think after 24 years she'd be use to me).

Thanks

de KI00T, Brad

On Wed, 21 Feb 2001, Jeff Stai WK6I wrote:

```
>
> sorry Brad - you first email made me think you thought they would just send
> one up gratis - I'd hate to think you'd drag a bunch of equipment with you
> and then be disappointed - I have even seen hotels get wierd about taking
> stuff like that which I have rented back to my personal room.
>
> In any case, just make a plug to loop the end back on itself - for safety it
> might be best to use a fuse holder in the event it gets plugged into the wall...
> A balun and/or counterpoise and tuner and you should be able to get something
> working.
>
> "just try it" - jeff wk6i
>
> mugglesto@ecentral.com wrote:
> >
> > Jeff and gang,
> >
> > I usually need to rent a cord room and screen so 25 foot or 100 foot isn't
> > a big deal.
> >
> > To all those who wanted the answer I sStill don't have an answer on this I
> > guess the HAM that gave out this is gone from the list. If I get the
> > chance I will try to search the archives but I also want to fly without a
> > plane so it may be awhile.
> >
> > de KI00T, Brad
> >
> > On Mon, 19 Feb 2001, Jeff Stai WK6I wrote:
> >
> > >
> > > hi Brad - don't assume they will just hand you a 100 foot cord for free.
> > > They might be quite happy to rent it to you for $10 a day or so... that's
> > > been my experience with power strips, anyway... good luck! - jeff wk6i
> > >
> > > mugglesto@ecentral.com wrote:
> > > >
> > > > Some time ago (could be years) someone on this list told of how they made
> > > > a 30M antenna out of a 100 foot extension cord. The idea was you could
> > > > check into the hotel and ask to borrow a 100 foot cord - they hotel has
```

> > > > them for presentations etc and would send one right up.
> > > >
> > > > I've been thinking about this - 100 feet is about a full loop (I think)
> > > > were all three wires connected together on both ends and attached to both
> > > > sides for the antenna jack or how was this done?
> > > >
> > > > Was a tuner used?
> > > >
> > > > Thanks
> > > >
> > > > de KI00T, Brad
> > >
> > > --
> > > jeff stai
> > > WK6I DM13
> > > NAR #21059 TRA #3356 L2
> > > jstai@home.com / wk6i@arrl.net
> > > ROC web page: <http://www.rocstock.org/>
> > >
>
> --
> jeff stai
> WK6I DM13
> NAR #21059 TRA #3356 L2
> jstai@home.com / wk6i@arrl.net
> ROC web page: <http://www.rocstock.org/>
>

Date: Wed, 21 Feb 2001 22:28:01 EST
From: RLucch2098@aol.com
To: qrp-l@lehigh.edu
Subject: [92300] fs: AUDIO AMP BOARDS-BUILT \$10ppd
Message-ID: <6d.fbe9bf0.27c5e141@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All;
I got a bunch of Audio Amplifier boards with 4 transistors on them.
Has 3-2n3904 and 1-2n3906 with 8 ohm output, run off about 5-12vdc.
The size is about 3" x 4".
The sizes and placement of components may vary a bit from this picture.

<http://members.nbci.com/wa2rqy/audioamp.jpg>

Use it in your portable qrp rig, built it into something or use with your xtal radio.

Price is \$10ppd.

Thanks es 73....Rich WA2RQY (1961)

WA2RQY's "confusion Radio" Web-Page

[Http://members.aol.com/rlucch2098/index.html](http://members.aol.com/rlucch2098/index.html)

RLUCCH2098@aol.com

"Keep those heaters on"

Date: Wed, 21 Feb 2001 21:51:51 -0600

From: Paul Dryer <psdryer@ticnet.com>

To: fxttech@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [92301] Re: 7.040 MHz Crystals

Message-ID: <3A948CD6.B5735233@ticnet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Ok, now how about 14.060's or 14.056's? Those are hard to find!

Paul

kd5ivp

Trevor Jacobs wrote:

> Hi Tim and All,

> 7.040 MHz crystals in HC-49U holders can be purchased from Norcal.

> Here's the web page:

>

> <http://www.fix.net/~jparkernorcal/kits/kits.htm>

>

> Scroll down near the bottom of the page, and you'll see the info. They're

> like \$3.00 each (a good price!) shipped to your QTH. Hope this helps...

>

> 73

> Trev

> KG6CYN

> ----- Original Message -----

> From: "Tim Sprouse" <n4cnu@home.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, February 21, 2001 4:56 PM

> Subject: 7.040 MHz Crystals

>

> > I need a good price on crystals. Who should I try? Tim

> >

> >

Date: Wed, 21 Feb 2001 23:26:58 -0500
From: Pete Burbank <plburbank@kih.net>
To: jamesgelbort@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92302] Re: Fox Hunt #37 Announcement
Message-ID: <5.0.2.1.0.20010221232026.00a65460@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:20 PM 2/21/2001 -0600, Jim Gelbort wrote:
>We'll need the Norcal "Wayback Machine" kit for this hunt!
>
>Jim N9WW
>
>----- Original Message -----
>From: Thomas Jennings <jennings@shell1.eznet.net>
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>Sent: Wednesday, February 21, 2001 2:25 PM
>Subject: Fox: Fox Hunt #37 Announcement
>
>
> > Hiya Hounds!
> > I will be the fox (subbing for KE1LA)
> > this coming Tuesday, January 30, 9 PM until 11 PM EST
> > (Jan 31, 0200 - 0400 UTC)
> >

Will the Norcal time machine help me get my tax returns in on time?:-)
73 Pete NV4V

Date: Wed, 21 Feb 2001 23:36:44 -0500
From: Dave Pomeroy <dave_pomeroy@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92303] Manhattan relay construction
Message-ID: <3A94975C.6AF8ABA2@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for all of the recommendations on this building method. Of course

I received an answer from one of the Kings of Manhattan construction Jim Kortge. Anyway my problem seems to be solved. Thanks again to all.

--

Dave Pomeroy K8DNP SouthWest Michigan

Date: Thu, 22 Feb 2001 00:18:37 -0500
From: "Paul" <cybrinjn@gis.net>
To: <qrp-l@Lehigh.EDU>
Subject: [92304] Re: 7.040 MHz Crystals
Message-ID: <007101c09c8f\$0a47ade0\$244829d8@cybrinjn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ocean State Electronics, <http://www.oselectronics.com>, has HC6U crystals in stock for some freqs on 80, 40, 30, 20, and 15m. they do have 14030, 40, 50, and 60. HTH.

paul kb1gej

----- Original Message -----

From: Paul Dryer <psdryer@ticnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, February 21, 2001 10:51 PM
Subject: Re: 7.040 MHz Crystals

> Ok, now how about 14.060's or 14.056's? Those are hard to find!
> Paul
> kd5ivp
>
> Trevor Jacobs wrote:
>
> > Hi Tim and All,
> > 7.040 MHz crystals in HC-49U holders can be purchased from Norcal.
> > Here's the web page:
> >
> > <http://www.fix.net/~jparkernorcal/kits/kits.htm>
> >
> > Scroll down near the bottom of the page, and you'll see the info.
They're
> > like \$3.00 each (a good price!) shipped to your QTH. Hope this helps...

> >
> > 73
> > Trev
> > KG6CYN
> > ----- Original Message -----
> > From: "Tim Sprouse" <n4cnu@home.com>
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Sent: Wednesday, February 21, 2001 4:56 PM
> > Subject: 7.040 MHz Crystals
> >
> > > I need a good price on crystals. Who should I try? Tim
> > >
> > >
>

Date: Thu, 22 Feb 2001 00:29:50 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: Dieter Klaschka <Dieter.DL2BQD@addcom.de>
Cc: GQRP@yahooogroups.com, M5FRA@thersgb.net, QRP List <qrp-1@Lehigh.EDU>
Subject: [92305] Re: [GQRP] Antenna for 20m /P
Message-ID: <Pine.BSF.4.21.0102220011490.81496-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks for the reminder,

For those who might have Antenna Restrictions where they Live, might want to try the Upper and Outer or as mentioned before the 85' Wire and 17' counterpoise.

The trick is to keep the Feed line and Counterpoise in the Attic and drop the Antenna out thru a Very Small Hole in the Wall of sneak it out thru the VENT Stack on the roof or the Vent on the ends of the house.

The end of the Antenna goes to the tip of the Fiberglass "Flag Pole" that sits in the Wooden Whiskey Barrel with a length of PVC Pipe in the center surrounded with Gravel, Sand, Earth and Flowers.

If you don't have the Antenna Restrictions, you can leave it up all of the time.

We made one for a friend who Kept his Antenna Base next to the Driveway, with #26 Magnet wire from the Flag Pole to the Roof of the house. The Feed was a bit of Coax inside of the Garden hose to the station setup in the garage. Just Puncture an Old Tennis Ball and thread you wire thru

it with a Shirt Button or Just a figure 8 knot in the end and toss it over the roof.

Before that He Had a Magnet Mounted Vertical on the Trunk of his Car in the Driveway with a quick disconnect for the coax. Who says you can't operate in a Covenant Restricted Area? Don't believe it.

You might not have a "SKY LOOP" or a Beam, but you can sure have a lot of fun with QRP with a "Compromise Antenna"

Just get out there and do it. Make something and get on the air...

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
The QRP ARCI Quarterly Journal Back Issues Sales and Services
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

On Wed, 21 Feb 2001, Dieter Klaschka wrote:

>
> ----- Original Message -----
> From: <M5FRA@thersgb.net>
> To: <GQRP@yahoogroups.com>
> Sent: Wednesday, February 21, 2001 11:30 PM
> Subject: [GQRP] Antenna for 20m /P
>
>
> > I have made a drive over support for the fibreglass mast, have the
> > transciever almost done and am wondering what sort of antenna to
> > try. >
> >
>
> Hi, Colin, M5FRA
> > G-QRP 848 FISTS 7738
>
> Have a try with the upper & outer or a loop; when working from indoors a FUCHS
ant could do:
> coax inside the room - wire outside to a fixed point. The Fuchs could as well be

put to the
> mast. I have a three feet metal rod of an electric fence in my boot and fix the
mast with two
> rubber ropes. Last year in Cumbria a knotted the mast to a wooden post of a
meadow fence and
> won an extra 5 feet.
> 72, Dieter, DL2BQD #7739
>
>
>
> === Via the mailing list of the GQRP Club <http://www.gqrp.com> ===
>
> Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>
>
>

Date: Wed, 21 Feb 2001 21:37:24 -0800
From: Jeff Stai WK6I <jstai@home.com>
To: mugglesto@ecentral.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92306] Re: Hotel Antenna
Message-ID: <3A94A594.4CA6A92B@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

mugglesto@ecentral.com wrote:

>
> I'm old enough to remember when stuff like this was gratis 8^).

I'm hip to that! (And now you know how old I am too ;-)

> Haven't
> thought about not being able to bring it back to my room - but a guy's got
> to practice and I may as well use the 100' cord instead of renting a short
> one and the long one 8^).

Well, any good DXpedition, even to a hotel room, should plan for the worst...
maybe I have had too many experiences! Some hotel folks can be wonderful, and
others a horror, just like anyplace else. You never know....

>
> So your suggesting a heavy (up to 3 wire) long wire 100' long and a

> counterpoise (say 1/4 wave) and a tuner. That sounds good to me.
>
> Just wrap it around the room - counterpoise going the other direction and
> I'm on the air.

Pretty much - or hang it out the window - or whatever makes sense!

>
> I may just have to give it a try some night (my XYL is really going to
> think I'm nuts - you'd think after 24 years she'd be use to me).

naaaaah - you gotta keep 'em guessing!

best 73 and good luck! - jeff wk6i

>
> Thanks
>
> de KI00T, Brad
>
>
>
> On Wed, 21 Feb 2001, Jeff Stai WK6I wrote:
>
> >
> > sorry Brad - you first email made me think you thought they would just send
> > one up gratis - I'd hate to think you'd drag a bunch of equipment with you
> > and then be disappointed - I have even seen hotels get wierd about taking
> > stuff like that which I have rented back to my personal room.
> >
> > In any case, just make a plug to loop the end back on itself - for safety it
> > might be best to use a fuse holder in the event it gets plugged into the
wall...
> > A balun and/or counterpoise and tuner and you should be able to get something
> > working.
> >
> > "just try it" - jeff wk6i
> >
> > moglesto@ecentral.com wrote:
> > >
> > > Jeff and gang,
> > >
> > > I usually need to rent a cord room and screen so 25 foot or 100 foot isn't
> > > a big deal.
> > >
> > > To all those who wanted the answer I sStill don't have an answer on this I
> > > guess the HAM that gave out this is gone from the list. If I get the
> > > chance I will try to search the archives but I also want to fly without a

> > > plane so it may be awhile.
> > >
> > > de KI00T, Brad
> > >
> > > On Mon, 19 Feb 2001, Jeff Stai WK6I wrote:
> > >
> > > >
> > > > hi Brad - don't assume they will just hand you a 100 foot cord for free.
> > > > They might be quite happy to rent it to you for \$10 a day or so... that's
> > > > been my experience with power strips, anyway... good luck! - jeff wk6i
> > > >
> > > > moglesto@ecentral.com wrote:
> > > > >
> > > > > Some time ago (could be years) someone on this list told of how they
made
> > > > > a 30M antenna out of a 100 foot extension cord. The idea was you could
> > > > > check into the hotel and ask to borrow a 100 foot cord - they hotel has
> > > > > them for presentations etc and would send one right up.
> > > > >
> > > > > I've been thinking about this - 100 feet is about a full loop (I think)
> > > > > were all three wires connected together on both ends and attached to
both
> > > > > sides for the antenna jack or how was this done?
> > > > >
> > > > > Was a tuner used?
> > > > >
> > > > > Thanks
> > > > >
> > > > > de KI00T, Brad
> > > >
> > > > --
> > > > jeff stai
> > > > WK6I DM13
> > > > NAR #21059 TRA #3356 L2
> > > > jstai@home.com / wk6i@arrl.net
> > > > ROC web page: <http://www.rocstock.org/>
> > > >
> >
> > --
> > jeff stai
> > WK6I DM13
> > NAR #21059 TRA #3356 L2
> > jstai@home.com / wk6i@arrl.net
> > ROC web page: <http://www.rocstock.org/>
> >
--
jeff stai

WK6I DM13
NAR #21059 TRA #3356 L2
jstai@home.com / wk6i@arrl.net
ROC web page: <http://www.rocstock.org/>

Date: Wed, 21 Feb 2001 22:53:31 -0700
From: "Rod Cercone" <n0rc@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [92307] Re: _REALLY GOOD_ Tuning Tools, What to Get?
Message-ID: <F141muZEpqhzLSihoqm00015b06@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Thanks to all for your suggestions, seems like ceramic is the way to go.
Then I noticed the price. YEOW! ~\$30 for a ceramic set from Digi-Key. Think
I'll try some of the homebrew ideas I received. One interesting approach,
PCB scraps. A small piece glued into an old ballpoint pen carcass may just
do the trick!

73, Rod N0RC
Fort Collins, CO

>From: "Rod Cercone" <n0rc@hotmail.com>
>Subject: _REALLY GOOD_ Tuning Tools, What to Get?
>Date: Wed, 14 Feb 2001 11:44:05 -0700
>
>Folks,
>
>...
>tuned cans that must be adjusted later, I thought: I WANT REALLY GOOD
>tuning tools. I've got a mish mash of stuff that works OK from Radio

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Date: Wed, 21 Feb 2001 22:03:51 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <rohn@pubrats.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92308] Re: [JOY]: Headcopy
Message-ID: <002b01c09c95\$3b866ee0\$e5414cd1@johnmori>

> And hey, that's another thing I've noticed... when I'm really trying to
> copy, giving it some concentration, I'm copying at best 10wpm. When I'm
> not really giving it my all I can jot down what I'm hearing at near 18wpm.
> (I sometimes have CWGet going to confirm my copy, and it gives me the
> speed)

Hey, congratulations, Rohn. You've learned the secret!
Don't fight it - go with the flow.

73,

John, K6QQ

Date: Thu, 22 Feb 2001 01:09:04 EST
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [92309] FOX - Cub AF4PS Preliminary Log
Message-ID: <10.917e9d2.27c60700@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Please send corrections and maybes. I hand logged again with lots of scribbled busted exchanges.

-whine mode on-

The noise was S9 here as usual. The dry condx (fires and drought) make my power lines sing. I used all my filter settings and external DSP, but I could pull sigs out best with the K2 alone on the wide setting. However, "listening fatigue" kills me the last hour when I do this. The IAD was actually quieter than the loop, but the loop was hearing our west better, of course. I know several of you were frustrated with me, sorry. I did hear several milliwatters, CONGRATS!

-whine mode off-

I appreciated the opportunity to be a Cub Fox. Thanks to Marshall, Tom, Mike, Doc, John and Karl for the organization of the thing, and to all who shot at me. If you need a card for FL/QRP, let me know.

Preliminary Log - CUB FOX AF4PS 2/22/01
K2 at 4 watts, Stealth Loop and Infamous Attic Dipole

01	0200	K4GT	559	GA	Jim	5w
02	0201	K4TJD	559	GA	Tom	4w
03	0202	N4SO	559	AL	Ken	5w
04	0203	W0CH	579	MO	Dave	500mw
05	0205	N10DL	559	NH	Aron	5w
06	0206	AC5JH	559	OK	Tom	5w
07	0209	N04N	559	SC	Ken	2w
08	0210	K4FB/5	559	TX	Paul	5w
09	0211	KC4FB	559	CT	Jim	5w
10	0212	N8VAR	559	OH	Ron	5w
11	0213	KB9BVN	559	IN	Brian	5w
12	0214	K8IS	559	WI	Steve	5w
13	0215	W3PNL	589	PA	Joe	3w
14	0216	KU4TN	559	VA	James	500mw
15	0217	KK5ELD	559	TX	Dan	5w
16	0219	W3ERU	559	MD	Wes	5w
17	0221	KF4DFZ	559	FL	Mark	5w
17	0223	WB8ICN	559	MI	Mike	5w
18	0227	KB3E0F	559	MD	Murphy	900mw
19	0228	N4ROA	589	VA	Dan	500mw
20	0230	W9WIS	559	WI	Mike	5w
21	0231	N4VM	559	TN	Bryn	5w
22	0233	KV4EE	559	SC	Craig	5w
23	0235	K0EVZ	559	ND	Doc	5w
24	0237	K9IUA	559	ND	Kevin	5w
25	0239	NC9O	559	IL	Skip	2w
26	0241	K4BYF	559	FL	Jack	5w
27	0242	VE3FAL	559	ON	Fred	5w
28	0244	AA7XA	559	OR	Frank	5w
29	0246	VA6RF	559	AB	Earl	5w
30	0248	N5IB	559	LA	Jim	5w
31	0249	KG4FGC	559	NC	Ken	5w
32	0250	KK6MC	559	NM	Jim	5w
33	0252	KJ0C	559	MO	Jim	5w
34	0254	WU9F	569	WI	Terry	5w
35	0256	W9HL	579	IL	Randy	5w
--	0258	KB6?HP	559	?	?	5w
36	0259	W5YR	559	TX	George	5w
--	0302	WB5EHP	559	?	?	5w
37	0304	N4JIU	559	TX	Bruce	5w
38	0306	AD4S	599	GA	John	He didn't know
39	0309	WD5CMA	569	LA	Gloria	300mw
40	0310	KG4FGC	579	SC	Ken	5w
41	0321	KI0II	599	CO	Ron	5w
42	0323	W5YW	559	LA	Mike	5w
43	0324	AF4LQ	579	KY	Mike	5w
44	0326	WA50JE?	559	TX	Dan	5w

45	0331	WR50		559 TX	Dave	5w
46	0332	KB8WTU	559 OH	Dennis	5w	
47	0336	N8IE		559 OH	Dan	5w
48	0337	W8PIG		559 OH	Poorkey	5w
49	0339	W6ABC	559 CA	Jack	5w	
50	0345	K5DI		339 NM	Karl	5w
51	0349	W5YW		559 LA	Mike	200mw
52	0350	KC0GXX	339 MO	Tom	3, 5, 7w	
53	0400	AF4PS		559 FL	Mac	4w

72 es oo

-MAC-

AF4PS

Odessa, FL "Home of the Infamous Attic Dipole" and stealth loop

K2 #643, QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,
 ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,
 West FL QRP, TARC, ARS #751, Flying Pig QRP #-51
 and various other annual \$15 commitments.

 Date: Thu, 22 Feb 2001 06:09:54 -0000

From: "Don Chisholm" <don.chisholm@home.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [92310] WQ8RP ARRL DX CW 2001 QRP

Message-ID: <002501c09c96\$1372ec20\$6501a8c0@roalok1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

a few pics and stuff:

<http://www.oakland.edu/~dchishol/wq8rp.htm>

73

Don

WX3M

Don Chisholm

don.chisholm@home.com

 Date: Wed, 21 Feb 2001 22:30:33 -0800

From: JJ&A <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [92311] Epiphyte-3 for sale. Unbuilt.
Message-ID: <3A94B209.A7479EB2@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As received from Norcal. Same price as they charge, plus postage. It's tiny. Probably \$4. Jim W7LS

Date: Thu, 22 Feb 2001 00:47:16 -0600
From: Jeff Logullo <logullo@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92312] Re: NF0R's antenna advice
Message-ID: <3A94B5F4.7B70F313@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay Bromley wrote:

>
> If you have never meet
> Dave or heard him speak you have missed out big time. One of the neatest
> QRPers besides Jim Cates I have ever meet!!

The members of the St. Louis QRP Society are a lucky bunch--we get to hear Dave speak on a monthly basis!

Antennas aren't Dave's only forte' either; he won an award at our annual Builder's Contest this evening.

With Dave's encouragement, I turned what I thought was a hopeless antenna situation (tiny yard, no trees, antenna restrictions) into a rotating homebrew antenna experiment with great success. I've got the most bizarre 80m dipole up at present. When I put it up, I thought it would be bad news. But I worked a fellow in Georgia on 80m the other night, PSK31 and the Warbler, pushing about 2 watts. If I had never met Dave, I probably wouldn't even have ordered the Warbler, thinking 80m was impossible in my situation.

I'm glad that the Internet gives us a way to share him with you :-)

Date: Thu, 22 Feb 2001 08:55:33
From: "Leon Heller" <leon_heller@hotmail.com>
To: dave_pomeroy@voyager.net, qrp-1@Lehigh.EDU
Subject: [92313] Re: filter layout
Message-ID: <F93ednHM3S01bpH71yE0000586c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>I'm in the process of home brewing an amp for my K2. I'm all set for
>the amp but am working on the low pass filter. I can figure out the
>values and there is plenty of examples in the various books. I want to
>switch with relays, I have the relays but I need some ideas on mounting
>the pcb mounted relays. I'm building the filter Manhattan style.
>Anyone have any ideas on PCB mounted relays Manhattan style?

How about using SM relays, and mounting them on small PCB material carriers with pads cut/etched for mounting the relays. Alternatively, you could use DIL relays, and bend the pins out for connection to the rest of the circuit.

Also, T05 can RF relays are available, and could be wired in like transistors. Probably rather expensive, though.

73, Leon

--

Leon Heller, G1HSM Tel: (work): +44 1327 357824 (home): +44 1327 359058
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller IRISYS Ltd: <http://www.irisys.co.uk>

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Date: Thu, 22 Feb 2001 05:53:23 -0500
From: "Alan Fryer" <qrpdx@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [92314] WTB: DSW-30
Message-ID: <000b01c09cbd\$add14920\$1fc2323f@hppav>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you have one that is surplus to your needs, please let me know. Working,
non-working, partially built, problem rig, no case OK.

Alan, N3BJ
Bent Mountain, VA

Date: Thu, 22 Feb 2001 05:59:25 -0500
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: NoVaQRP@topica.com, "Qrp-L" <qrp-l@lehigh.edu>, NoVaQRP <NoVaQRP@topica.com>
Subject: [92315] Re: Attic dipole DXCC -- got the last 2 cards.
Message-ID: <200102221057.FAA05927@granger.mail.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Congratulations, Jake. It took me two years to do that with my attic
dipoles. Ain't it fun ? ! !

Bill - K4AHK

>From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
>To: Qrp-L <qrp-l@Lehigh.EDU>, NoVaQRP <NoVaQRP@topica.com>
>Subject: Attic dipole DXCC -- got the last 2 cards.
>Date: Wed, Feb 21, 2001, 8:46 PM
>

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>\=-----=
>

>I received #99 and #100 today -- confirming 100 countries worked in 2000 on
>my attic 10/15/20m fan wire dipole. Only problem is that 7 are QRO. I
>still have 30 QRP countries outstanding -- hope I get cards from at least 7.
>

>Jake - N4UY
>Vienna, VA
>(Wash DC suburbs)
>
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Date: Thu, 22 Feb 2001 06:37:18 -0500
From: Allen Randy <Allen_Randy@prc.com>
To: "'NoVaQRP@topica.com'" <NoVaQRP@topica.com>, Qrp-L <qrp-l@lehigh.edu>
Subject: [92316] RE: Attic dipole DXCC -- got the last 2 cards.
Message-ID: <689A85152B76D311B9CE0090279842FE035D51CF@mc15.DCMETRO.ADR00T.PRC.COM>
MIME-Version: 1.0
Content-Type: text/plain

Way-to-go, Jake. That is awesome. I can only stand in awe.

73, Randy, N4TVC

-----Original Message-----
From: William K. Harding [mailto:k4ahk@ix.netcom.com]
Sent: Thursday, February 22, 2001 5:58 AM
To: NoVaQRP@topica.com; Qrp-L; NoVaQRP
Subject: Re: Attic dipole DXCC -- got the last 2 cards.

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=====

Congratulations, Jake. It took me two years to do that with my attic
dipoles. Ain't it fun ? ! !

Bill - K4AHK

>From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
>To: Qrp-L <qrp-l@Lehigh.EDU>, NoVaQRP <NoVaQRP@topica.com>
>Subject: Attic dipole DXCC -- got the last 2 cards.
>Date: Wed, Feb 21, 2001, 8:46 PM
>

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>
>I received #99 and #100 today -- confirming 100 countries worked in 2000 on
>my attic 10/15/20m fan wire dipole. Only problem is that 7 are QRO. I
>still have 30 QRP countries outstanding -- hope I get cards from at least
7.

>
>Jake - N4UY
>Vienna, VA
>(Wash DC suburbs)
>

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Date: Thu, 22 Feb 2001 05:53:43 -0600
From: Dragon Singer <dragonsinger@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [92317] Field Day 2001: HELP!!
Message-ID: <5.0.2.1.0.20010222054947.00affba0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

I've been selected to serve on the "Field Day Committee" for the
Lamoine Emergency Amateur Radio Club. (LEARC) and would appreciate input on
variables that I and the other committee members should take into account
in planning for this event. Please email me with your input
privately, I'm a little overwhelmed and am not sure where to start.

TNX.

73

de

AB9BM (until I am assigned my vanity call)

Yours very Sincerely and Respectfully

Wayne M. Scace
&
Leader Dog Sequoia

dragonsinger@earthlink.net
ICQ#315313
Amateur Callsign AB9BM
FISTS#4409 QRP-L #2313

Date: Thu, 22 Feb 2001 07:38:52 EST
From: K5BDZ@aol.com
To: qrp-l@lehigh.edu
Subject: [92318] K5BDZ- NE602's shipped
Message-ID: <b5.76cb5e0.27c6625c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, to all whose money I've received, the NE602's will go out in the U.S. P.O. mail today. (Three letters have not yet been received.)

The NE602's are stuffed in anti-static foam (black), taped to your letter (so they won't get mashed or fall out when opening), and shipped in bubble-mailer manila envelopes (from Office Depot).

A little overkill maybe, but we all want them to arrive safely!

To the guy who ordered 6 and sent me two \$15 bills, you'll be happy to know the bank happily exchanged the two bills for four \$7 bills and gave me a \$2 gift certificate to their free coffee bar.

Hope all your projects work "first time turn on"
Bill K5BDZ

Date: Thu, 22 Feb 2001 05:41:05 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <Macstein@aol.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92319] Re: FOX - Cub AF4PS Preliminary Log
Message-ID: <Pine.LNX.4.31.0102220532140.871-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

-whine mode off-

You did good Mac. I know about power line noise too, as we have the same effect. After a rain noise is s1. After a 3 month dry spell it's s9.

I could tell you were JUST hearing me. I was JUST hearing you. I waited till 15 minutes before the end and found you calling CQ. I called you and you sort of came back, but I didn't get a normal bk or nothin. Then you called CQ again and I called 3 times. You sent my call and I thought I heard bk. Sent my numbers twice. You said TU! I notice you have exactly what I sent, and I did fudge the rst up, you were really 129 at best...:-)

On Thu, 22 Feb 2001 Macstein@aol.com wrote:

> Please send corrections and maybes. I hand logged again with lots of
> scribbled busted exchanges.
> 50 0345 K5DI 339 NM Karl 5w

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 22 Feb 2001 07:51:34 -0500
From: ed.kwik@delphiauto.com
To: qrp-l@Lehigh.EDU
Subject: [92320] MI QRP Net HELP
Message-ID: <052569FB.0046F356.00@uskokg99.delcoelect.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I will be out of town next week on a business trip. Does anyone want to fill in as net control next Tuesday? It would be at 9:00 PM on 3.535 MHz.

Ed AB8DF

Date: Thu, 22 Feb 2001 05:58:11 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [92321] Getting Phone on an Argonaut
Message-ID: <Pine.LNX.4.31.0102220541180.871-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My Argo 509 used to work on SSB but with the change in transistors in the final unit I was not sure it would still work, and I want to use this rig in the ARRL Phone DX contest.

I routed around in my junk pile and came up with a very OLD Astatic D-104 Mike on a UG-8 Stand, lots of chrome and good looking! The mike is bigger than the radio!

Hooked up the thing and it made ssb that I could hear on the other

receiver that seemed high pitched. When I joined my daily 40 meter New Mexico Group on 7290KHz my friends said it sounded crappy, high pitched and with distortion.

Got out my Radio Shack book and found they sell a "PC board Condenser Microphone element for 2 bucks. I got one and it has 2 leads. I mounted it in some plastic foam (old cooler top) in the D-104 mike holder and in the radio I put a 22k ohm resistor from 12 volts to the mike input line. This drops the voltage across the mike to under 10 volts.

Ran the test again and the guys said it sounds very good. They all know my voice and said it sounds like me. So now I need to make a foot switch and I'll be set for the contest.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Thu, 22 Feb 2001 09:12:40 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <w6toy@erols.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92322] Re: NF0R's antenna advice
Message-ID: <200102221412.JAA02854@mail3.atl.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/21/01 11:48, Bruce Muscolino at w6toy@erols.com wrote:

>Any ham who does not understand how his rig works, or how his antenna
>works, or how his antenna radiates should want to learn.

It's one thing to want to learn, another to be so intimidated that you are afraid to try.

>He has
>thousands of hobby level books that undertake to explain this stuff. He
>has 1000 of his closest friends on here to come to his aid. There is no
>excuse for technical stupidity.

Stupidity no. Ignorance yes. One is ignorant until one learns. While we may condemn stupidity, we should embrace ignorance and look on it as an opportunity to teach.

>Would you undertake to fly a private
>plane without a reasonable understanding of charts, or weather, or your

>airplane?

Me? No. Of course, improper operation of an aircraft can result in serious personal and property damage. That's why these operations are covered by federal regulations, which are fairly stringently enforced. Proper legal operation requires fulfilling rigorous medical, technical, and skill requirements. A modicum of recurrent practice, training is required to carry passengers. If driving had as many requirements, only about 1/4 of the population would have a license.

But ham radio is different. It's not nearly as difficult to fulfill the requirements, and there's no recurrent training or testing.

Like flying, it is more a license to learn. So learning should be encouraged.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Thu, 22 Feb 2001 14:38:23 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92323] rant, was Re: NF0R's antenna advice
Message-ID: <3A94DE0F.C4A9C85A@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Coleman wrote:

>

> On 2/21/01 11:48, Bruce Muscolino at w6toy@erols.com wrote:

> >Would you undertake to fly a private

> >plane without a reasonable understanding of charts, or weather, or your

> >airplane?

>

> Me? No. Of course, improper operation of an aircraft can result in

> serious personal and property damage. That's why these operations are

> covered by federal regulations, which are fairly stringently enforced.

A private pilot doesn't need to know how to *build* a plane in order to fly safely. He doesn't need to know how to design or optimize a plane in order to operate one.

The training and regulations that are important to the private pilot pertain

to the *operation* of the plane.

In Ham radio the most important training and regulations for the beginner also pertain to the *operation* of radios. There are plenty of radios, tuners, antennas, power supplies and all sorts of accessories available ready to use, that no one *has* to learn how to build them in order to operate. Many people will simply operate and never build, adjust or repair their own equipment.

Anyone may learn, practice and advance to whatever level they wish.

The person who uses his/her license to talk only on a local repeater is no less a ham than the DXCC member who uses nothing but homebrew equipment.

--

Michael Neverdosky N6CHV AMA 77292
Earn Money Online
<http://www.neverdosky.net>

Date: Thu, 22 Feb 2001 09:54:58 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: Bill Coleman <aa4lr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [92324] Re: NF0R's antenna advice
Message-ID: <3A952842.3B3E1CB0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill,

Stop making excuses for the run of the mill QRPer. We were all once technically incompetent. We were once all so inundated by the material that we panicked. But why did some of us move forward rather than sitting in our nests? Why did some of us become technically competent enough to go on?

I don't want to sound special, but I got my first license in 1956. Because of where we lived, I had no elmer. There were very few hams in my home town, and I felt intimidated enough to consider them generally unapproachable. I had an ARRL license manual and a copy of How to Learn the Radiotelegraph code. I studied for two or three years to learn the code. I memorized the license manual. I got my Novice license with no help! It was a beginning. After that I began seriously learning what I already knew by rote memory. I followed the tug, and eventually went to college and got my EE degree. My theory may be spotty in certain areas,

but I have never felt there was anything I could not learn with some study.

What you are saying is never mind, you are a beginner. You'll eventually get it. That is wrong. If you don't start learning you never will.

As to the relative safety of ham radio when compared to flying, I agree that today's low voltage rigs are a whole lot safer than that tube rigs we had when I was a novice. But many 12 volt power supplies have a current capacity to kill you! And yes, ham radio does not have periodic retests, yet. Perhaps we should have them.

73

Date: Thu, 22 Feb 2001 09:58:06 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: mneverdosky@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [92325] Re: rant, was Re: NF0R's antenna advice
Message-ID: <3A9528FE.E3D03F92@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael,

While I don't need to know how to design a rudder to fly a plane, I do need to know how the rudder operates and how and when to use it! I am also a private pilot.

Hams do not need to know how to build their rigs. But those who do should be willing to study and learn before they start!

73

Date: Thu, 22 Feb 2001 07:56:24 -0800
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [92326] Re: [JOY]: Headcopy
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F04B76B81@hq-expo2.filenet.com>

Also congrats, Rohn. Several pieces of advice:

(1) Stick a radio on your workbench or near your computer or wherever you spend idle time and listen to some CW while doodling. You will find that, while not as intensive an actual practice session, you will increase your "head copying" capability.

(2) Don't stop copying with pencil and paper -- that's a skill you need to hone as well. In my case, I thought I was hot stuff because I could copy 20 wpm in my head and found it was actually harder paper copy because there's the extra motor coordination that had to be factored in.

(3) The good thing about having your license is that you can practice by doing -- that is, QSOs are marvelous ways to -- well -- practice CW proficiency.

..ain't life grand!

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Thu, 22 Feb 2001 11:45:21 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-l@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [92327] Klunky External Symbols
Message-ID: <Pine.LNX.3.95.1010222113037.19051A-1000000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have added the capability for external or user defined symbols in the Klunky schematic drawing web page.
Here's the link to the Klunky page.
<http://butler.qrp.com/~wd9eyb/klunky/>

Klunky symbols are 37 pixels by 37 pixels.
If you make your symbols bigger there will be gaps in the schematic.

First draw your symbol and put it somewhere.
It can be on your disk drive or somewhere on the internet.
You need to capture the full path URL to your symbol.
For me the easiest way to do that is to get it up in the browser and just copy the address.

Then start using Klunky.
Near the upper top is the current symbol that is in use.
Double click that.
A dialog box will pop up and ask you for the address of your symbol.
Enter the address, paste it in, and click ok.
Your symbol should become the current symbol.
Use it as you would any other symbol.

To test this the first thing I had to do was to put myself in a schematic.
So here's a link to an amplifier where I'm the amplifying device and I'm
biased with 4 resistors.
<http://butler.qrp.com/~wd9eyb/junk/meamp.jpg>
This is a very ugly yet powerful amplifier.

When you use the list function you must you a listfull to get the
full path to your symbol. Otherwise you get those funny red x's again.

Enjoy.

Jim, WD9EYB

Date: Thu, 22 Feb 2001 08:55:09 -0800 (PST)
From: agtaylor@llnl.gov
To: qrp-l@lehigh.edu
Subject: [92328] Where to get Anti-static pad for workbench?
Message-ID: <200102221655.IAA11797@poptop.llnl.gov>
MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

Good morning all. Its raining in CA and static is hardly an issue
right now, but I need to find a good source for a functional
yet economical anti-static (ESD) matt or pad for the workbench I
am currently setting up. I had done much work (SST, RH40, NC20,
K2) all on a plastic placemat over an aluminum foil layer on a
computer desk(with wrist strap!) but would like to do it right in the
new bench I am setting up. Someplace within driving distance of the
East Bay part of CA would be best.

Not necessarily of general interest. Private replies?

73 K7GT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Thu, 22 Feb 2001 11:08:53 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92329] Ocean State Electronics
Message-ID: <20010222.110853.8686.7.n4so@juno.com>

ocean.txt

Ocean State Electronics
6 Industrial Dr.
Westerly, RI 02891

tel 401-596-3080
fax 401-596-3590
Source: ARRL Handbook Database lookup files
Ocean State sells a variety of small parts.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 22 Feb 2001 11:26:30 -0600
From: Michael Melland <badger@vbe.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92330] A&A Engineering Battery Charger Question
Message-ID: <NEBBLKAGEKBNGELOFFCAEEACCFAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Slightly off topic but....

I just bought one of those A&A Engineering lead acid/gell cell battery chargers (the smaller "original" version). I've actually read the construction manual <grin> and note that there are two options for setting charging bulk current, .5 amp and 1 amp. The literature suggests using the .5 amp construction for 5 amphr and below batteries and the 1 amp current for above 5 amphr batteries. It goes on to state that the factory assembled version of the charger is mfg with the 1 amp option and that it can charge large wet/gell cells up to 120 amphr but require more time to reach a fully charged state (100+ hours). I usually use 4 to 5 amphr batteries but I do have a 7 amphr and 36 amphr gell cell as well. Think I'll harm the 5 amphr batteries if I use above the 1 amp bulk current ? I know I'll shorten the battery life as it's above the recommended bulk current rate. If I charge the larger batteries at the lower bulk current apparently it will just take longer to fully charge so that's probably the best option. That correct ? Just wondering what others on the list may have experienced if they built this charger.

73 de Mike

--

Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Thu, 22 Feb 2001 11:30:13 -0500
From: Bob Kellogg <ae4ic@nr.infi.net>
To: n0rc@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92331] Re: _REALLY GOOD_ Tuning Tools, What to Get?
Message-ID: <3A953E95.FE50B12E@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

Let me tell you what I'm going to *try*. :-)

Just today, I bought a package of Bamboo skewers from the grocery store. They are about 3/32" diameter and 10" long. I will whittle the ends to the shape I want and when one gets whittled down too short, I'll throw it away.

I really bought them to use as aids in soldering SM parts. They work fine to hold down the little buggers while you solder one end in place.

But, the package had 100 in it for \$1.79, so I'll have to find some other uses, and tuning tools comes to mind. If they are too soft for screw drivers, I'll try heat hardening the wood.

--

73,
Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Thu, 22 Feb 2001 11:31:38 -0600 (CST)
From: ac5ez@webtv.net (Larry)
To: qrp-l@lehigh.edu
Subject: [92332] OT Logbooks
Message-ID: <10583-3A954CFA-963@storefull-112.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Radio Shack has their amateur log books on sale for \$ 1.47 .Its a clearance sale.

K1zw
Larry
Qcwa

Date: Thu, 22 Feb 2001 10:48:52 -0700
From: "Conant, Paul" <paul.conant@lmco.com>
To: "Qrp-L (Post To List) (E-mail)" <qrp-l@lehigh.edu>
Subject: [92333] Photometric Power Measurement
Message-ID: <675067CF647BD4118DEA00508BE32AB47EA980@emss02m09.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I hooked up a # 47 bulb to my approximately 1-watt transmitter last night. I recall reading in Bill Orr's Radio Handbook about photometric power measurement. Light meter readings for the transmitter driven bulb are compared with a readings for the bulb at known power levels. Has any one on the list tried to accurately measure power photometrically?

Paul, WQ5X

Date: Thu, 22 Feb 2001 10:12:50 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [92334] NorCal Toroid Kit Returns!!
Message-ID: <01c09cfb\$118929a0\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, we have had many, many requests to do another run of the NorCal Toroid Kit and have decided to do one. We will do 200 kits consisting of the following toroids:

25 Quantity T37-2
25 Quantity T37-6
25 Quantity T50-2
25 Quantity T50-6
10 Quantity T50-7
25 Quantity FT37-43 Ferrite
25 Quantity FT37-61 Ferrite
15 Quantity Ferrite Bead

That is a total of 175 pieces for \$30 plus \$4 S&H US & Canada, \$6 Europe, \$8 Pacific Rim. To order, Send an email to me at the following address:

Subject: Toroid Kit

ki6ds@dph.dpol.net

Stating how many kits that you are ordering. Then please send a check or money order to Jim Cates, 3241 Eastwood Rd., Sacramento, CA 95821. If you are ordering for shipment to the US & Canada, please make the amount \$34. If you are ordering for shipment to Europe, please make the amount \$36. If you are ordering for shipment to the pacific rim, please make the amount \$38.

The lead time on some of the parts is 8 weeks. We will ship as soon as they

arrive. Thanks for your patience and understanding. 72, Doug, KI6DS

Date: Thu, 22 Feb 2001 12:41:33 -0600
From: "Kanalz, Karl" <Karl.Kanalz@allegiancetelecom.com>
To: "'ae4ic@nr.infi.net'" <ae4ic@nr.infi.net>, Low Power Amateur Radio Discussion
<qrp-l@lehigh.edu>
Subject: [92335] RE: _REALLY GOOD_ Tuning Tools, What to Get?
Message-ID:
<E78D8A9D6762D411B5440008C791D4AA01303425@dfwex03.allegiancetelecom.com>
MIME-Version: 1.0
Content-Type: text/plain

Bob,
For "... some other uses...", why not use the excess for
their ORIGINAL use? Like skewering some veggies or
cubes of ultra-tender beef on them and grilling the whole
thing on your grill?

I think you'll find, however, that "heat hardening" bamboo
skewers doesn't work too well -- but let us know if you
can do it without turning them into sticks of charcoal.

Karl K - W8TIF
McKinney, Texas

> -----Original Message-----
> From: Bob Kellogg [SMTP:ae4ic@nr.infi.net]
> Sent: Thursday, February 22, 2001 10:30 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: _REALLY GOOD_ Tuning Tools, What to Get?
> <snip>
> I really bought them to use as aids in soldering SM parts. They work
> fine to hold down the little buggers while you solder one end in
> place.
>
> But, the package had 100 in it for \$1.79, so I'll have to find some
> other uses, and tuning tools comes to mind. If they are too soft for
> screw drivers, I'll try heat hardening the wood.
>
> --
> 73,
> Bob Kellogg, AE4IC, Greensboro, NC
> Prolobly, not nececelery. - Benny Hill
>

Date: Thu, 22 Feb 2001 13:42:46 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [92336] Re: Replacement fo MC1350
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9D1A@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

RF2627 16mA max at 3V
<http://www.rfmd.com/DataBooks/db97/2627.pdf>
--Zack W1VT

Date: Thu, 22 Feb 2001 14:09:40 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: <paul.conant@lmco.com>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [92337] RE: Photometric Power Measurement
Message-ID: <000201c09d03\$0281d620\$050af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul, check out my article entitled "An Accurate Power Meter For QRP Ops" on eham.com at <http://www.eham.net/articles/1024>.

It deals with this very subject.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Conant, Paul
Sent: Thursday, February 22, 2001 12:49 PM
To: Low Power Amateur Radio Discussion
Subject: Photometric Power Measurement

I hooked up a # 47 bulb to my approximately 1-watt transmitter last night. I recall reading in Bill Orr's Radio Handbook about photometric power measurement. Light meter readings for the transmitter driven bulb are compared with a readings for the bulb at known power levels. Has any one on the list tried to accurately measure power photometrically?

Paul, WQ5X

Date: Thu, 22 Feb 2001 19:10:32 +0000
From: Paul Brice-Stevens <paul@g0wat.demon.co.uk>
To: burnleyia@home.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [92338] Re: Oh no....the dreaded D68C 'not in log'
Message-ID: <b008gLaoQWl6EwY0@g0wat.demon.co.uk>
MIME-Version: 1.0

John,

As they 'Don't worry OM'...I am sure if you got your full call back you are in the log...they have been having trouble get getting the log off the island by e-mail...I am sure if you check at the weekend they should have got this problem sorted by then.

73/72

Paul
G0WAT
CDXC member and part of the D68C pre-expedition antenna erecting/testing team :)

In article <000b01c09bb6\$e4b38fa0\$1b790818@c149552-a.west1.ia.home.com>, John Burnley <burnleyia@home.com> writes
>Just checked the website for D68C and got a huge
>disappointment.....no log entries found for NU0V!
>ARGHHHHHHHHH!!!!!! What a disappointment!
>The sad part is they came back with my full call and
>everything looked good. I thought that one was a
>slam dunk.
>
>72, John NU0V
>

--
Paul Brice-Stevens

Date: Thu, 22 Feb 2001 14:40:04 -0500
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, <ac5ez@webtv.net>
Subject: [92339] Re: OT Logbooks
Message-ID: <0b5501c09d07\$4164a260\$5e35f2d8@juan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Larry,
Could you tell me the item Nbr. please??

73

Juan - KG4FSN

----- Original Message -----

From: "Larry" <ac5ez@webtv.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, February 22, 2001 12:31 PM
Subject: OT Logbooks

> Radio Shack has their amateur log books on sale for \$ 1.47 .Its a
> clearance sale.
>
> K1zw
> Larry
> Qcwa
>

Date: Thu, 22 Feb 2001 11:51:51 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [92340] LED Voltage Drop
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099801A6@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I seem to remember that the voltage drop across a regular silicone diode is about 0.4 volts. Is this correct? I'm building a project and am putting a reverse polarity protection diode in and I want to be sure I compensate for the voltage drop. Is the voltage drop across an LED also 0.4 volts? Thanks for any help.

Doug VA7DD
MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Thu, 22 Feb 2001 13:56:47 -0600
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-1@lehigh.edu
Subject: [92341] Inductor and Capacitor Questions
Message-ID: <PG0ELNAAIJKOBAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Language: en
Content-Transfer-Encoding: 7bit

All,

If any of you have insight on the following questions, I'd appreciate gaining understanding...

(1) What use would people have for large value tantalum capacitors over and above electrolytics of the same value? I inherited a bunch of these which appear to have been expensive in their day (from their price stickers still on the unopened packages) but don't see such large values (100's of uF) in the catalogs now.

(2) Why are inductors sometimes called "RF Chokes" and sometimes called "Fixed Inductors" in the Digikey (and other's) catalog? Is there some performance difference that is implied here? Is it Q?

(3) What use would people have for old "Precision Wirewound Resistors" which look like they were custom wound on ceramic forms about the size of thread spools and are labelled accurate to multiple decimal points? I inherited a bunch of these as well.

Thanks all for the enlightenment!

Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

"All men are like grass, and all their glory is
like the flowers of the field; the grass
withers and the flowers fall, but the word of
the Lord stands forever." (I Peter 1:24-25)

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Date: Thu, 22 Feb 2001 14:59:18 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Doug.Davies@gems3.gov.bc.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [92342] Re: LED Voltage Drop
Message-ID: <003101c09d09\$f61f8060\$6201a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I always figure on 0.7v as the forward drop across silicon, but certain devices can be less or more, depending on technology.

Some LEDs I've seen as high as 1.4v

You'll just have to check the parts you use.

Mike

> I seem to remember that the voltage drop across a regular silicone diode is
> about 0.4 volts. Is this correct? I'm building a project and am putting a
> reverse polarity protection diode in and I want to be sure I compensate for
> the voltage drop. Is the voltage drop across an LED also 0.4 volts?
Thanks
> for any help.
>
> Doug VA7DD
> MailTo: Doug.Davies@gems3.gov.bc.ca

Date: Thu, 22 Feb 2001 14:05:01 -0600
From: Paul Dryer <psdryer@ticnet.com>
To: wphinizy@filenet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92343] Re: [JOY]: Headcopy
Message-ID: <3A9570ED.85567A6@ticnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some other headcopy tips...

- 1) keep pencil and paper to jot down important things like Call, Name, rst, qth.
then, fill in the blanks if the sender's fist is hard to copy. My note pad is completely cryptic if you don't know what your looking at.
- 2) Don't close your eyes. For some reason this messes me up. I've heard friends say the same thing. Relax, breath, and look around. Things start coming together before long.
- 3) Listen to code generated by a computer program like MorseCat, or similar, playing at what you consider to be an impossibly fast speed. About 10wpm out of your reach. Do this before you get on the air. It's like swinging two baseball bats and works! 5-10 min. of copy is enough. Paste in text you already know will help you learn word groups.
- 4) Don't worry about getting it all. You can always ask for a repeat but you'll find you get the jest of the message 99% of the time.
- 5) while driving your car, try mentally coding street signs before you pass them.
Harder than you think and forces you to both remember the sign and do the code.

Hope this helps!

Paul Dryer
kd5ivp

"Phinizy, William" wrote:

- > Also congrats, Rohn. Several pieces of advice:
- >
- > (1) Stick a radio on your workbench or near your computer or wherever you
- > spend idle time and listen to some CW while doodling. You will find that,
- > while not as intensive an actual practice session, you will increase your
- > "head copying" capability.
- >

> (2) Don't stop copying with pencil and paper -- that's a skill you need to
> hone as well. In my case, I thought I was hot stuff because I could copy 20
> wpm in my head and found it was actually harder paper copy because there's
> the extra motor coordination that had to be factored in.
>
> (3) The good thing about having your license is that you can practice by
> doing -- that is, QSOs are marvelous ways to -- well -- practice CW
> proficiency.
>
> ..ain't life grand!
>
> W. H. Phinizy, K6WHP
> Principal Engineer
> FileNET Corporation

Date: Thu, 22 Feb 2001 15:12:39 -0500
From: geoff allsup <gallsup@whoi.edu>
To: Doug.Davies@gems3.gov.bc.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92344] Re: LED Voltage Drop
Message-ID: <3A9572B7.28C71CB@whoi.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Davies, Doug A FOR:EX" wrote:

>
> I seem to remember that the voltage drop across a regular silicone diode is
> about 0.4 volts. Is this correct? I'm building a project and am putting a
> reverse polarity protection diode in and I want to be sure I compensate for
> the voltage drop. Is the voltage drop across an LED also 0.4 volts? Thanks
> for any help.

>
Silicon diodes are usually about 0.7v drop; I typically use a schottky
diode, like a 1N5818, for a protection diode - good for up to an amp or
so continuous, and only about 0.3v or 0.4v drop. Or a 1N5822 for up to
about 3 amps.

72/73,
geoff

--

Geoff Allsup, W10H gallsup@whoi.edu or w10h@arrl.net
Upper Ocean Processes Group

Woods Hole Oceanographic Institution Woods Hole, MA, USA

Date: Thu, 22 Feb 2001 14:11:43 -0600
From: Paul Dryer <psdryer@ticnet.com>
To: cybrinjn@gis.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92345] Re: 7.040 MHz Crystals
Message-ID: <3A95727F.6C68705E@ticnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thank you beyond compare!! I thought I'd have to have them custom cut.
Tnx
Paul
kd5ivp

Paul wrote:

> Ocean State Electronics, <http://www.oselectronics.com>, has HC6U crystals in
> stock for some freqs on 80, 40, 30, 20, and 15m. they do have 14030, 40,
> 50, and 60. HTH.
>
> paul kb1gej
>
> ----- Original Message -----
> From: Paul Dryer <psdryer@ticnet.com>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Sent: Wednesday, February 21, 2001 10:51 PM
> Subject: Re: 7.040 MHz Crystals
>
> > Ok, now how about 14.060's or 14.056's? Those are hard to find!
> > Paul
> > kd5ivp
> >
> > Trevor Jacobs wrote:
> >
> > > Hi Tim and All,
> > > 7.040 MHz crystals in HC-49U holders can be purchased from Norcal.
> > > Here's the web page:
> > >
> > > <http://www.fix.net/~jparkernorcal/kits/kits.htm>
> > >
> > > Scroll down near the bottom of the page, and you'll see the info.
> > They're

> > > like \$3.00 each (a good price!) shipped to your QTH. Hope this helps...
> > >
> > > 73
> > > Trev
> > > KG6CYN
> > > ----- Original Message -----
> > > From: "Tim Sprouse" <n4cnu@home.com>
> > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > > Sent: Wednesday, February 21, 2001 4:56 PM
> > > Subject: 7.040 MHz Crystals
> > >
> > > > I need a good price on crystals. Who should I try? Tim
> > > >
> > > >
> >

Date: Thu, 22 Feb 2001 15:19:58 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [92346] Re: [JOY]: Headcopy
Message-ID:
<4F76B3D4A76AD111803B00A0C9893D9C06ED8D1C@cninexchsrv05.crane.navy.mil>
MIME-Version: 1.0
Content-Type: text/plain

Have to disagree about closing your eyes. It works for some, some it doesn't. Try it both ways. Closing my eyes helped me copy code in the Air Force when trying to get new call signs, etc. in a noisy, distracting environment. Everyone is a little different. Just like which key is best, some like one kind while others swear by another kind. I guess that's why there are so many different keys available. Just because something works for one person doesn't mean it will work for you too. BTW, congratulations on your head copy.

73 de N9KH

Date: Thu, 22 Feb 2001 14:20:47 -0600
From: Paul Dryer <psdryer@ticnet.com>
To: ae4ic@nr.infi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92347] Re: _REALLY GOOD_ Tuning Tools, What to Get?
Message-ID: <3A95749F.B394EE4C@ticnet.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Might try soaking the bamboo ends in a little super glue. Makes them rock hard and grindable. Once shaped, soak again.
paul

Bob Kellogg wrote:

> Guys,
>
> Let me tell you what I'm going to *try*. :-)
>
> Just today, I bought a package of Bamboo skewers from the grocery
> store. They are about 3/32" diameter and 10" long. I will whittle
> the ends to the shape I want and when one gets whittled down too
> short, I'll throw it away.
>
> I really bought them to use as aids in soldering SM parts. They work
> fine to hold down the little buggers while you solder one end in
> place.
>
> But, the package had 100 in it for \$1.79, so I'll have to find some
> other uses, and tuning tools comes to mind. If they are too soft for
> screw drivers, I'll try heat hardening the wood.
>
> --
> 73,
> Bob Kellogg, AE4IC, Greensboro, NC
> Prolobly, not nececelery. - Benny Hill

Date: Thu, 22 Feb 2001 12:25:31 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-l@lehigh.edu>
Subject: [92348] Toroid Kits are moving fast.
Message-ID: <01c09d0d\$9a56f660\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys the first 50 toroid kits are reserved. Please, if you want one, include your full name with your email, as I need it for the list for Jim.
72, Doug, KI6DS

Date: Thu, 22 Feb 2001 15:34:41 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <nf9k@eudoramail.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92349] Re: Inductor and Capacitor Questions
Message-ID: <008401c09d0e\$e688c580\$6201a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> If any of you have insight on the following questions, I'd appreciate
gaining understanding...

>

> (1) What use would people have for large value tantalum capacitors
over and above electrolytics of the same value? I inherited a bunch of
these which appear to have been expensive in their day (from their price
stickers still on the unopened packages) but don't see such large values
(100's of uF) in the catalogs now.

My understanding was it was strictly a size issue. Tants are tiny for
their capacity. (No pun intended!) But, they cost more than regular
electrolytics, and they have a higher internal impedance than most
electrolytics.

Also, and I'm NOT sure of this, but there is a spec for caps that
relates

to some kind of released hold charge. I really wish I could remember
the term, but if you take a cap, charge it, and short it for a certain
short

time period, you would ideally find the cap is totally discharged.

However

in the real world you find that if you 'spike short' a cap, when you
open

it up, it is NOT discharged, but has a certain amount of charge. I was
told this was do to some 'layering effects' in the electrolyte having an
impedance between the layers. Anyway, I think tants are worse here
too.

Tants are neat from a compact size point of view, but they aren't the
end all in caps!

Mike

Date: Thu, 22 Feb 2001 12:39:16 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [92350] Anyone used a QRP+ for PSK31 or any digimodes?
Message-ID: <20010222203916.16440.qmail@web10014.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

My older Compaq notebook is working on several digimodes now and I want to use it with my Index Labs QRP+.

Has anyone used this rig on any of the digi modes?

BTW, Digipan is the only program I cant get working on my pcmcia sound card. A message tells me my sound card is either in use, or isnt present.

I have tested MMTTY, IZ8BLY Hellschreiber, and Stream, plus HamScope. They RX and decode fine, and next I'll be cobbeling together the PTT cables.

My plan is to use the old notebook and QRP+ portable. I dont like to take my K2 portable. Its the main shack rig.

Thanks for any info

Jim KJ5TF

=====

<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

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Date: Thu, 22 Feb 2001 12:45:26 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [92351] Guys, please include mailing label with toroid orders.
Message-ID: <01c09d10\$62c09640\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, please include a self addressed mailing label with your checks for the toroid orders, That will help Jim immensely. Thanks, Doug, KI6DS

Date: Thu, 22 Feb 2001 14:47:29 -0600
From: Rod Eng <RENG@kimcontrols.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92352] Suggestions on learning Morse code
Message-ID: <338BBD47F927D4118BAA00A0CCE4A5A412E668@SGHOST>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I need to learn the code-am a no code tech now. Any suggestions are appreciated!! THEN I will be ready for some homebrew or kit building!

Thanks a Bunch!

Rod Eng
Sales Product Specialist/ Applications
Kim Controls Distribution Group
10045 Davenport St NE
Blaine, MN 55449

(763)792-1365 Direct Line
(763)792-1395 Fax
reng@kimcontrols.com <reng@kimcontrols.com>

Date: Thu, 22 Feb 2001 14:57:27 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
To: <Doug.Davies@gems3.gov.bc.ca>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>

Subject: [92353] RE: LED Voltage Drop
Message-ID: <000001c09d12\$10fd45e0\$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

LEDs usually have a drop of 2.1 volts. BUT there are many flavors that range from 2.1 to as high as 5 volts. You'll have to check with the individual LED. I think silicon diodes are .6 volts.

Kevin, WB5RUE
<http://www.qsl.net/wb5rue>

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Davies, Doug A FOR:EX
> Sent: Thursday, February 22, 2001 1:52 PM
> To: Low Power Amateur Radio Discussion
> Subject: LED Voltage Drop
>
>
> I seem to remember that the voltage drop across a regular
> silicone diode is
> about 0.4 volts. Is this correct? I'm building a project
> and am putting a
> reverse polarity protection diode in and I want to be sure I
> compensate for
> the voltage drop. Is the voltage drop across an LED also 0.4
> volts? Thanks
> for any help.
>
> Doug VA7DD
> MailTo:Doug.Davies@gems3.gov.bc.ca
>
>

Date: Thu, 22 Feb 2001 16:01:02 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: nf9k@eudoramail.com
Cc: qrp-1@lehigh.edu
Subject: [92354] Re: Inductor and Capacitor Questions
Message-ID: <v03102808b6bb2b2778b6@[152.15.144.71]>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Joel,

>(3) What use would people have for old "Precision Wirewound Resistors"
>which look like they were custom wound on ceramic forms about the size of
>thread spools and are labelled accurate to multiple decimal points? I
>inherited a bunch of these as well.

We made resistors like these at the IRC plant where I worked in Boone, NC, back in the mid 70s. They are generally used in precision test equipment such as reference resistance decade boxes. We made .1, .01 and .001% resistors that were wound on ceramic cores with cotton covered 34 guage and smaller silver wire depending on the resistance. If they have yellow labels with the IRC "omega" logo, most likely they were made in Boone. They won't take much current through them so don't try using them in any power circuits. They will be great for checking the accuracy of an ohmmeter though. I have a few around the shack for periodically checking my meters.

72,

Rick kf4ar

Date: Thu, 22 Feb 2001 14:49:48 -0600
From: Ken Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [92355] Silicon Diodes
Message-ID: <20010222.145438.14286.4.n4so@juno.com>

Forward Voltage Drop
page 50 DATABOOK FOR HOMEBREWERS AND QRPERS BY
Paul Harden

Low Power rectifiers
1N4001 series 0.8v

1N5400 series 1.2v

Schottky rectifiers (very low Vf) forward voltage drop
of ONLY 0.3v

Medium Power rectifiers 1.0v

PAGE 51 L.E.D.'s Vf about 2 volts

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi
Elecraft K1 #260

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<http://dl.www.juno.com/get/tagj>.

Date: Thu, 22 Feb 2001 16:03:36 -0500 (EST)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-1@lehigh.edu
Subject: [92356] T32RD
Message-ID: <XFMail.010222160336.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Just trying out a new (to me) Argo II, and my third QSO was T32RD, on 24,892, through a pileup, working split. I listened for quite a while, but never heard him give his QSL info. Anyone know?

Pretty good QRP week, with D68C and T32RD. I'm not even really a dxer.

John W2AGN

|_|_||<_>|. |/_> | \ | John L. Sielke w2agn@pobox.com w2agn@qsl.net
|_|_|| / / | | | <_/\ | NJ Grid:FM29LN <http://www.qsl.net/w2agn>
|_/_/_/ <_>|_|_|'____/|__| NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
SOC #390, fpQRP, ARLHS, 00TC, Elecraft K2 #00023 K1 #00146

Date: Thu, 22 Feb 2001 16:04:19 -0500
From: Harris Keith E CONT CNIN <harris_k@crane.navy.mil>

To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [92357] Re: Suggestions on Learning Morse Code
Message-ID:
<4F76B3D4A76AD111803B00A0C9893D9C06ED8D1D@cninexchsrv05.crane.navy.mil>
MIME-Version: 1.0
Content-Type: text/plain

Rod,

Here are a few web sites that might help you get started.

<<http://www.fists.org>>
<http://hfradio.org/koch_1.html>
<<http://www.joates.demon.co.uk/megs/NOHFF/contents/htm>>

Good luck learning the code. I learned in the Air Force. An effective way to learn and lots of practice copying, but it tends to take up a lot of time. Eight years in my case. Hang in there, it's not as hard as some people would have you believe.

73 de N9KH

Date: Thu, 22 Feb 2001 13:10:55 -0800 (PST)
From: John Birkett <jbirk44@yahoo.com>
To: RENG@kimcontrols.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92358] Re: Suggestions on learning Morse code
Message-ID: <200102222211055.95257.qmail@web10006.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Rod,

You will get a lot of response to this question! :-)

TONS of stuff on the web. One of my favorites is
AF4LQ's page:

<http://members.iglou.com./olyellr/>

I too am learning (no license of any kind yet). Been
SWLing for over 40 years, think its high time I joined
the fray. (Can't wait to jump in on the cub fox
hunts!)

John Birkett

--- Rod Eng <RENG@kimcontrols.com> wrote:

> I need to learn the code-am a no code tech now. Any
> suggestions are
> appreciated!! THEN I will be ready for some
> homebrew or kit building!
>
> Thanks a Bunch!

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auctions.yahoo.com/](http://auctions.yahoo.com/)

Date: Thu, 22 Feb 2001 16:12:57 -0500
From: John Harper AE5X <ae5x@qsl.net>
To: w2agn@pobox.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [92359] Re: T32RD
Message-ID: <002101c09d14\$42d165e0\$5b7abc18@johnharp>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

QSL via OK1RD:

JARDA SEMOTAN
BOROVA 155
RICANY 251 01
CZECH REPUBLIC

John Harper AE5X
Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>

----- Original Message -----

From: "John L. Sielke" <w2agn@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 22, 2001 16:03 PM
Subject: T32RD

> Just trying out a new (to me) Argo II, and my third QSO was T32RD, on
24,892,
> through a pileup, working split. I listened for quite a while, but never
heard

```

> him give his QSL info. Anyone know?
>
> Pretty good QRP week, with D68C and T32RD. I'm not even really a dxer.
>
> John W2AGN
>
>
> ---
>
> | | | | <_ > | . | / _ > | \ | John L. Sielke w2agn@pobox.com w2agn@qsl.net
> | | | | / / | | <_ \ | | NJ Grid:FM29LN http://www.qsl.net/w2agn
> | _ / _ / <_ > | _ | ' _ _ _ / | _ \ | NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
> EX-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS
#2781
> SOC #390, fpQRP, ARLHS, 00TC, Elecraft K2 #00023 K1 #00146
>

```

```

-----
Date: Thu, 22 Feb 2001 16:18:26 EST
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [92360] FOX - The Mardis Gras fox - reconstituted - Early Warning
Message-ID: <20010222.151538.2711.4.n5ib@juno.com>

```

Howdy to all my fine canine friends, SIT! STAY!

My family vet has been good to me and the prescription was something other than "shoot" (though I still set off geiger counters - hi) so I do believe I'll be ready for a romp and a hunt this coming Fat Tuesday or Mardis Gras in Cajunland (USA) or 0200Z Wed Feb 28 UTC date.

I'll emerge from the swamp at 0200Z around 7042 and don my Mardis Gras beads - throws a'plenty for all who shout "trow me sumpin, Mister"

K-2 #1233 at 5 W to my full wave horizontal (low) loop. Keying with the cranio-bracchial memory keyer, i.e. J-38, logging with a manually operated graphite character generator with full ASCII, graphics, and error correction, vector scanned on a cellulose display panel.

I intend to use the K-2's RIT both up and down. Its range is about +/- 1.3 kHz, so you can call up or down, but, as Sean Connery said "One ping only, please" (Hunt for Red October) If I don't identify a hound right away (under 5 s) I'll more likely send "?" rather than keep listening. Long listens seems to muddy the water. Will I have a pattern??? My nutria cousins suggested some crafty tactics. Pattern is as pattern does.

I'll send "urcall TU 559 LA JIM 5W urcall BK"
send your stuff - keep it 25 wpm or under - and I'll send R TU - that's
the signal to start baying again. But be alert for a periodic "FOX DE
N5IB K" to keep me in Uncle Riley's good graces

Gang, I did 59 Q's last Mardis Gras with a DSW-40 (1.8W) and a J-38. My
goal is 90 this time. Help me out. QSL's to all who want 'em and send me
one. No SASE needed.

Catch me if you can, laissez bon temps roulez (let the good times roll)

72,
Jim N5IB
The Mardis Gras Fox

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Date: Thu, 22 Feb 2001 16:17:50 -0500
From: "Phil (VA3UX)" <phil@vaxxine.com>
To: wphinizy@filenet.com
Cc: qrp-1@Lehigh.EDU
Subject: [92361] Re: [JOY]: Headcopy
Message-ID: <3.0.5.32.20010222161750.007b5dd0@vaxxine.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:56 AM 2/22/2001 -0800, you wrote:

>Also congrats, Rohn. Several pieces of advice:

>

>(1) Stick a radio on your workbench or near your computer or wherever you
>spend idle time and listen to some CW while doodling. You will find that,
>while not as intensive an actual practice session, you will increase your
>"head copying" capability.

>

I agree - it helped me too.

>(2) Don't stop copying with pencil and paper -- that's a skill you need to
>hone as well. In my case, I thought I was hot stuff because I could copy 20
>wpm in my head and found it was actually harder paper copy because there's
>the extra motor coordination that had to be factored in.

>

Here I disagree abit. Sticking with pencil and paper is what prevented me from getting much above 18 - 20 wpm. Why ? Because 20 wpm (+/- a bit) is just about as fast as a person can print. It's this "cap" in motor ability that holds back the mental ability. You *probably* will not learn to copy at 30 wpm if you hold yourself back with 20 wpm writing skills. When I got rid of the pencil and paper, I eventually got to 30 wpm @100% copy on a good day. Some people are able to copy behind - that is they listen at say 30 while writing at 20, buffering the as yet unwritten words in their head.

Some people can do this; some can't. I'm not very good at it. I can copy behind by a few words but I need to catch up at some point or I loose the whole thing (what I'm supposed to remember gets over written by what I just heard).

My 2 cents worth from my own experience (your may vary)

Phil

>(3) The good thing about having your license is that you can practice by
>doing -- that is, QSOs are marvelous ways to -- well -- practice CW
>proficiency.

>

>..ain't life grand!

>

>W. H. Phinizy, K6WHP

>Principal Engineer

>FileNET Corporation

>

>

>

Date: Thu, 22 Feb 2001 13:24:03 -0800

From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Subject: [92362] Diode Voltage Drop

Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099801A7@blaze.bcsc.GOV.BC.CA>

Content-return: allowed

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Silicon...no 'e'....I knew that :-(Anyway, thanks for the replies. Well, I may have to re-think this. I was going to use a regular 1N4004 as the protection diode and I also wanted to put a red LED in the circuit for a

"power on" indicator light. Sounds like if I do this, I'm going to lose too much voltage before getting to the unit. Maybe I can crank up the input voltage from the power supply (it is variable) by a couple of volts to compensate for the diode losses. Does this sound plausible?

Doug VA7DD
MailTo:Doug.Davies@gems3.gov.bc.ca

Date: Thu, 22 Feb 2001 15:27:19 -0600 (CST)
From: ac5ez@webtv.net (Larry)
To: qrp-l@lehigh.edu
Subject: [92363] FS ham items
Message-ID: <24213-3A958437-343@storefull-118.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Shack cleaning time

FS:

1. MFJ 949c Versa Tuner 2. 300w tuner,pwr/swr bridge/300w 50 ohm dummy load dual needle meter, etc.\$75.00

2. Ham Keyer Model HK5a with speed, weight, tone, volume, on/off/tune controls
\$33.00

3.MFJ Deluxe Electronic Keyer Model Mfj-8044 IC with speed, weight. tone. volume , on/off/semi auto/tune controls.
\$33.00

4. MFJ Tunable DSP Filter Model Mfj-784B , see mfj website for full description. \$120.00 with manual

5. The Smart Filter By Modular Systems

Specs:

Max Bandwidth 4000 Hz SSB

1500 Hz CW

Min Bandwidth 25 Hz

Stopband attenuation 51db Min

Passband Ripple 0.1 db min.

Output speaker/phones

Power Req. 12/16vac , Wall Transformer supplied

Size 2inches high, 8.5 wide and 6 inches deep

beige front/brown top

LED display

This is a good cw filter which can be continuously controlled from less than 25 hrz to over 4000 hrz.\$55.00 With instruction sheet

All items work good and require shipping of \$6.00 per item.

Thanks

K1zw

Larry

Qcwa

Date: Thu, 22 Feb 2001 16:35:16 -0600
From: Bryn Joynes <bryn@pcpractice.com>
To: RENG@kimcontrols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [92364] Re: Suggestions on learning Morse code
Message-ID: <3A959424.1A26F4D2@pcpractice.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Rod,

As the other person told you, many people have many suggestions that has worked for them. You will have to find what fits your life style. I think the most important thing in learning code is DO NOT memorize the code by sight, learn it by ear, the sound of the code. Also you need to relax. Do not expect to get perfect copy, you will miss characters but move on. Progress will be made by relaxing and enjoying.

I found the Koch method to be useful for me. I used this method with a computer program called NuMorse. I also found that when I was writing down my code I was thinking too much about what I was writing. You need to "use the force" like in Star Wars, relax and let it flow and not think about what you are writing down.

Like I said at the beginning, my path is different to yours, but this is what I would do if I could start all over again. At present I know that I have some bad habits I need to remove, some I would not have if I had not memorized the code by sight.

Best Regards

Bryn
N4VM

Date: Thu, 22 Feb 2001 16:32:05 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <agtaylor@llnl.gov>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92365] Re: Where to get Anti-static pad for workbench?
Message-ID: <004901c09d17\$c0cc5880\$bbb8183f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think there are enough builders here that would be interested in a public response.

M P Jones and Associates has 2 sizes of ESD pads - I bought the smaller one
Try www.mpja.com under the New Products category- the large one is 26" x 23
1/2" - PN 12678MI for \$14.95 and the small one is 22" x 11 1/4" - PN
12696MI for \$8.95.

I have no association with MPJA other than a satisfied customer - good
service over the phone or web orders.

73,
Don Wilhelm -Chapel Hill, NC W3FPR home page:
<http://www.w3fpr.webprovider.com>
QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----
From: <agtaylor@llnl.gov>
> Good morning all. Its raining in CA and static is hardly an issue
> right now, but I need to find a good source for a functional
> yet economical anti-static (ESD) matt or pad for the workbench I
> am currently setting up.

Date: Thu, 22 Feb 2001 16:40:53 -0500
From: Pete Burbank <plburbank@kih.net>
To: RENG@kimcontrols.com, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92366] Re: Suggestions on learning Morse code
Message-ID: <5.0.2.1.0.20010222162120.00a6d090@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:47 PM 2/22/2001 -0600, Rod Eng wrote:

>I need to learn the code-am a no code tech now. Any suggestions are
>appreciated!! THEN I will be ready for some homebrew or kit building!

>

>Thanks a Bunch!

>

>Rod Eng

>Sales Product Specialist/ Applications

>Kim Controls Distribution Group

>10045 Davenport St NE

>Blaine, MN 55449

>

>(763)792-1365 Direct Line

>(763)792-1395 Fax

>reng@kimcontrols.com <reng@kimcontrols.com>

Rod,

Here is how I learned the code. I wrote it down on a 3X5 card and put it in my pocket. Whenever I went to the restroom and sat on the commode I would study the card. I had a newspaper route and translated the text into code while trudging along -----then began translating all the signs along the way. Copying the WiAW transmissions helped a lot.

I may be bugging out however as sometimes in the early AM dream all the conversations are in code....honest!!

73 to all

Pete NV4V

Date: Thu, 22 Feb 2001 13:42:57 -0800

From: Stephen Hawkins <grayline@mindspring.com>

To: qrp-1@Lehigh.EDU

Subject: [92367] Re: Suggestions on learning Morse code

Message-ID: <4.2.2.20010222133659.00a56ab0@mail.mindspring.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Rod,

You may have heard this before but I promise you with all of my heart that the best way to ramp your code speed up as quickly as possible, is to get on the air and use it. It does not matter how slow you are at first. There are plenty of people on this list, including me, that will get on the air and work you. If you get on the air and make 3 contacts each day, every day, your code speed will double in the first couple of days and go up steadily after that.

73 49 111 0100 1001
Stephen Hawkins WV6U

At 02:47 PM 2/22/01 -0600, you wrote:

>I need to learn the code-am a no code tech now. Any suggestions are
>appreciated!! THEN I will be ready for some homebrew or kit building!
>
>Thanks a Bunch!
>
>Rod Eng
>Sales Product Specialist/ Applications
>Kim Controls Distribution Group
>10045 Davenport St NE
>Blaine, MN 55449
>
>(763)792-1365 Direct Line
>(763)792-1395 Fax
>reng@kimcontrols.com <reng@kimcontrols.com>

Stephen Hawkins WV6U
grayline@mindspring.com
73 49 111 0100 1001

Date: Thu, 22 Feb 2001 16:40:11 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: RENG@kimcontrols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [92368] Re: Suggestions on learning Morse code
Message-ID: <3A95873B.446F63FF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod,

This way is pretty quick up to around 10 wpm. It may slow you down afterwards because it is both character oriented and requires writing down what you copy, but practice and persistence will prevail if you want to do 30 or 35.

Pick three letters. Memorize their sound by whistling or humming them to yourself. Every time you see one of them in a paper or on a sign send its sound by whistling. You can whistle or hum them to yourself,

so you won't be the envy of all your friends! When you have them memorized,

Turn on your receiver and tune in a CW station that is sending slow enough for you to copy and write down each letter. In the 'good old days' there were plenty of Novices to copy and there is always W1AW. Yes, this method does require you to have at least a receiver! Every time you hear one of the letters you memorized, write it down.

Only practice 15 to 30 minutes at a time at first. Learning anything is a stress filled experience. You will tire quickly and practice while you're tired does not result in any learning. Only practice every other day at first.

After you are sure you can copy the letters, add three more. Repeat the above steps until you can copy the entire alphabet, all the numbers, and the common prosigns and Q signals.

>From personal experience, you will be copying complete QSO in about 30 days and your speed will be somewhere between 7 and 10 words per minute. I learned this way in 1955. I passed the Novice test with no help. You can do it if you put forth the effort and believe in yourself!

73

Date: Thu, 22 Feb 2001 16:49:08 -0500
From: "Don Wilhelm" <w3fpr@arrl.net>
To: <badger@vbe.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [92369] Re: A&A Engineering Battery Charger Question
Message-ID: <007901c09d19\$53507960\$bbb8183f@dbw11main>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, I built one of those - good unit - in fact, I set my charge rate for 250 ma. If you are interested take a look at my webpage
<http://w3fpr.webprovider.com>

To get the 1 amp bulk current, they tell you to install the second resistor (it will then be in parallel with the first resistor) - it would be easy to arrange a switch to change the bulk current.

It the batteries were mine, I would use a bulk rate no greater than C/6, so the smallest size I would charge at 1 amp would be a 6 amp-hr battery. If

you monitor temperature rise carefully you can fast charge them - but the A & A SmartCharger does not monitor temperature.

73,

Don Wilhelm -Chapel Hill, NC W3FPR home page:

<http://www.w3fpr.webprovider.com>

QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)

----- Original Message -----

From: "Michael Melland" <badger@vbe.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, February 22, 2001 12:26 PM

Subject: A&A Engineering Battery Charger Question

> Slightly off topic but....

>

> I just bought one of those A&A Engineering lead acid/gell cell battery
> chargers (the smaller "original" version). I've actually read the
> construction manual <grin> and note that there are two options for setting
> charging bulk current, .5 amp and 1 amp. The literature suggests using
the

Date: Thu, 22 Feb 2001 16:56:19 -0500

From: Ken Newman <N2CQ@citnet.com>

To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org

Subject: [92370] [CONTEST]QRP Contest Calendar - Feb 24/Mar 11

Message-ID: <3.0.6.32.20010222165619.007d1480@mail.citnet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

QRP Contesters,

Please send your sprint or contest info to: N2CQ@ARRL.NET

We will include it in the calendar.

72 de Ken - N2CQ

~~~~~  
N2CQ QRP CONTEST CALENDAR

February 24 - March 11, 2001

~~~~~

QRP-L Foxhunt

Foxhunt: Every Tuesday And Thursday
 Details: <http://www.cqc.org/fox>

Cub Foxhunt: Every Monday and Wednesday
 Details: <http://www.qsl.net/k5di/fox/index.html>

Fox appears: 9pm EST, 8PM CST, 7PM MST and 6PM PST.

~~~~~

FPQRP-L Truffle Hunt

Flying Pigs Truffle Hunt: 30 minutes before the Foxhunt.  
                          Details: [http://www.fpqrp.com/pig\\_hunt.htm](http://www.fpqrp.com/pig_hunt.htm)

~~~~~

CQ 160 Meter Contest (SSB) ... QRP Category

Feb 23 - 2200z to Feb 25 - 1600z

Rules: <http://www.cq-amateur-radio.com/160rules01.html>

"Give it a try"

~~~~~

REF (French) Contest (SSB)

Feb 24 - 0600z to Feb 25 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~

North Carolina QSO Party (CW/SSB) ... QRP Category

Feb 24 - 1200z to 2359z

Feb 25 - 1200z to 2359z

Rules: <http://www.netpath.net/~n4mio/qsoparty.htm>

"Work NC Counties. Nice plaques"

~~~~~  
UBA DX Contest - Belgium (CW) ... QRP Category

Feb 24 - 1300z to Feb 25 - 1300z

Rules: <http://www.uba.be/HF/conrules/UBArulesfor.htm>

"Very good QRP entry. Work anyone. Software available for download"

~~~~~  
RSGB 7 Mhz DX Contest (CW)

Feb 24 - 1500z to Feb 25 - 0900z

Rules: <http://www.g4tsh.demon.co.uk/HFCC/Rules-2001/7mhz.htm>

"Experiment with simple or complex antenna systems"

~~~~~  
High Speed CW Club Contest ... QRP Category

Feb 25 - 0900z to 1100z

Feb 25 - 1150z to 1700z

Rules: <http://www.sk3bg.se/contest/hsccl.htm>

"Work anyone (if you can copy)"

~~~~~  
Colorado QRP Club Winter QSO Party (CW/SSB) ... QRP Contest!

Feb 25 - 2200z to Feb 26 - 0359z

Rules: <http://www.sk3bg.se/contest/coqrpwqp.htm>

"Work any QRP station"

CZEBRIS Contest (CW) ... QRP Contest!

Mar 2 - 1600z to Mar 4 - 2359z

Rules: <http://www.sk3bg.se/contest/czebris.htm>

"Czech-British QRP Contest. Work any QRP station"

~~~~~

ARRL International DX Contest (SSB) ... QRP Category

Mar 3 - 0000z to Mar 4 - 2400z

Rules: <http://www.arrl.org/contests/announcements/intldx.html>

"Best SSB DX for QRPers this year"

~~~~~

Adventure Radio Society - Spartan Sprint (CW) ... QRP Contest!

Mar 6 - 0200z to 0400z

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html

"Testing of lightweight radio gear for outdoor QRP expeditions"

~~~~~

World Wide Locator Contest (CW/SSB)

Mar 10 - 0000z to Mar 11 - 2400z

Rules: <http://www.sk3bg.se/contest/wwlc.htm>

"Grid locations for exchange"

~~~~~

Second Class Operator's Club (SOC) Marathon Sprint (CW) .. QRP Contest!

Mar 10 - 1800z to 2400z

Rules: <http://soc-hams.homepage.com/20010310.htm>

"QRP or QRPP Fun Sprint. QLF not required for club membership"

~~~~~  
UBA (Belgian) Spring Contest (CW-80m) ... QRP Category

Mar 11 - 0700z to 1100z

Rules: <http://www.uba.be/HF/conrules/spring.htm>

"North American Night Owl choice"

~~~~~

Wisconsin QSO Party (CW/SSB)...QRP Category

Mar 11 - 1800z to Mar 12 - 0100z

Rules: <http://www.warac.org/wqp/wqp.htm>

"QRP category for the first time. QRP doubles your score."

~~~~~

|                   |                                                                                                             |
|-------------------|-------------------------------------------------------------------------------------------------------------|
| 72 de             | **** N2CQ QRP Contest Calendar ****                                                                         |
| Ken Newman - N2CQ | <a href="http://www.njqrp.org/data/contesting.html">http://www.njqrp.org/data/contesting.html</a>           |
| N2CQ@ARRL.NET     | <a href="http://www.n3epa.org/Pages/Contest/contest.htm">http://www.n3epa.org/Pages/Contest/contest.htm</a> |
|                   | <a href="http://www.qsl.net/cqrp/contests.html">http://www.qsl.net/cqrp/contests.html</a>                   |

-----  
Date: Thu, 22 Feb 2001 14:04:27 -0800  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>  
Subject: [92371] Diode Voltage Drop  
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F43099801A9@blaze.bcsc.GOV.BC.CA>  
Content-return: allowed  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Only the 1N4004 will be in line (series) with the + input. The LED will be in parallel (+ lead to gnd) so won't affect the current requirements. It is just to show a power on condition but I think it will still contribute to the overall voltage drop.

Doug VA7DD  
MailTo: Doug.Davies@gems3.gov.bc.ca

-----  
Date: Thu, 22 Feb 2001 14:24:20 -0800 (PST)  
From: =?ISO-8859-1?Q?"KB=D8VCC"?= <kb0vcc@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [92372] Re: Diode Voltage Drop  
Message-ID: <20010222222420.15049.qmail@web1202.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

>I was going to use a regular 1N4004 as the  
>protection diode and I also wanted to put a red LED in the  
circuit for a  
>"power on" indicator light. Sounds like if I do this, I'm  
going to lose too  
>much voltage before getting to the unit. Maybe I can  
crank up the input  
>voltage from the power supply (it is variable) by a couple  
of volts to  
>compensate for the diode losses. Does this sound  
plausible?

HUH??? I admit to not following this thread, but the  
above sounds like you intend to place your "power on"  
LED in series with a rig. If your intent is really to  
indicate power on, then I suggest you wire it in parallel.  
Series is NOT what you want to do, for numerous reasons.

GL es 72/73,  
Dale

=====

```
=====
Dale Anderson           In the Mt Washington Valley
KB0VCC                  Conway, New Hampshire
QRP-L #91 / CQC #251    Grid Sq: FN43KX
ARS #234 / FISTS #3172  http://www.qsl.net/kb0vcc
=====
```

-----  
Do You Yahoo!?  
Yahoo! Auctions - Buy the things you want at great prices! <http://>

auctions.yahoo.com/

-----  
Date: Thu, 22 Feb 2001 15:28:52 -0700  
From: Andrew Madsen <andrew@utahdesign.com>  
To: qrp-1@Lehigh.EDU  
Subject: [92373] Manhattan construction pads  
Message-ID: <3A9592A4.14868FC1@utahdesign.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi,

I am looking for a good way to make pads for manhattan construction. I have seen a punch available from Harbor Freight mentioned, but I didn't catch which punch. I am also looking for ways to do it other than with a hole punch.

--  
73,  
Andrew R. Madsen AC7CF  
ac7cf@youngradioamateurs.com  
<http://www.youngradioamateurs.com/>  
League of Young Radio Amateurs  
Utah Section Manager  
Electronics Committee Chairman  
CW/QRP Committee Co-Chairman

-----  
Date: Thu, 22 Feb 2001 17:45:28 -0500  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [92374] MI QRP Website ???  
Message-ID: <3A959688.EB998FB5@tbaytel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Does anyone know the link to the MI QRP website, I cannot get to it from the K8DD homepage..

Thanks Fred  
VE3FAL

-----  
Date: Thu, 22 Feb 2001 22:54:55 -0000  
From: "Tony Fishpool" <g4wif@btinternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [92375] Re: Manhattan construction pads  
Message-ID: <009601c09d22\$8b518bc0\$aa5e01d5@LocalHost>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

There is a way of doing it without any punch. Please refer to the GQRP  
web pages at [www.gqrp.com](http://www.gqrp.com)  
The specific article is at [http://www.btinternet.com/~g4wif/q\\_tech11.htm](http://www.btinternet.com/~g4wif/q_tech11.htm)

Kind regards  
Tony - G4WIF

----- Original Message -----  
From: "Andrew Madsen" <andrew@utahdesign.com>

<snip>  
> ....I am also looking for ways  
> to do it other than with a hole punch.  
<snip>

-----  
Date: Thu, 22 Feb 2001 16:27:31 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Andrew Madsen <andrew@utahdesign.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [92376] Re: Manhattan construction pads  
Message-ID: <Pine.SUN.4.10.10102221611040.17091-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 22 Feb 2001, Andrew Madsen wrote:  
> I am looking for a good way to make pads for manhattan  
> construction. I have seen a punch available from Harbor Freight  
> mentioned, but I didn't catch which punch. I am also looking for ways  
> to do it other than with a hole punch.

There are several ways to make the manhattan "chads" other than the  
harbor freight punch.

1. A nibbling tool, available from many Radio Shacks, is intended for "nibbling" away at thin aluminum, such as making a "square hole" for a meter, etc. Use it to nibble away at a piece of copper clad for making small chads about 1/16th inch by 1/8 inch. Plus, you'll find the nibbling tool handy for other aspects of homebrewing, such as making enclosures, front panels, misc. metal work, etc.
2. If you have access to a sheet metal shear, you can cut off very small slices of copper clad, like about 1/16 inch wide by several inches long. These can then be easily cut into the small pads with wire cutters to the desired length. I've used this technique for making a pad 1/16" wide by several inches long, glued along the top of the board, for the Vcc bus ... that is, a handy place to pick up +12V.
3. Copper clad board is also available at Radio Shack and elsewhere that is perforated, that is, small holes on 0.1 inch centers. You can cut out the pads very easy with a pair of dikes by cutting between the holes. Fairly easy to cut off pads that are one, two or three holes (0.1, 0.2 or 0.3 inches) long. A little ugly compared to harbor freight punched or nibbled chads, as they come out a bit hexagonal. But by the time you get a couple of parts soldered to the pads, you'll hardly know. A small piece of this stuff, say 2x2 inches, will make a jillion pads.
4. Another approach is to use a tapped sheet metal drill bit, or one modified, such that by twisting it (by hand) on copper clad, it etches off the copper in a circle, creating a nice isolated pad. This is shown on the G-QRP website somewhere ... [www.gqrp.com](http://www.gqrp.com) This was demonstrated to me by Tony Fishpool and Graham Firth last fall at the kitchen table, and I was surprised at how effortless it was to make a couple of dozen pads in no time. I took a 1/4 inch drill, ground it at an angle, so a "chard" was formed on the end of bit, and a few twists and the copper circular pad is done. Far easier to do than explain. Go see the g-qrp website.

72, Paul NA5N

-----  
Date: Thu, 22 Feb 2001 15:24:53 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: andrew@utahdesign.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [92377] Re: Manhattan construction pads

Message-ID: <3A959FC5.AEB73DC5@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have often thought that some enterprising person with a Harbor Freight punch and a lot of scrap PC board stock could package up small quantities of pads and sell them to those of us who may want to experiment with Manhattan construction but haven't yet been bitten sufficiently hard by the bug to buy their own punch.

--

-----  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s/>  
-----

-----  
Date: Thu, 22 Feb 2001 18:28:07 -0500  
From: "Russ Hines" <radioruss@fuse.net>  
To: <flesnick@tbaytel.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [92378] Re: MI QRP Website ???  
Message-ID: <001701c09d27\$1d90fb20\$332744d8@rbhines>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Apparently Earthlink has purchased their ISP so perhaps they've moved or killed the K8DD pages.

Beyond that, can't help you. I can't reach it either. ;-)

73,  
Russ Hines  
WB8ZCC  
radioruss@fuse.net  
wb8zcc@arrl.net  
<http://home.fuse.net/radioruss>

----- Original Message -----  
From: Fred Lesnick <flesnick@tbaytel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, February 22, 2001 5:45 PM  
Subject: MI QRP Website ???

> Does anyone know the link to the MI QRP website, I cannot get to it  
> from the K8DD homepage..  
>  
> Thanks Fred  
> VE3FAL

-----  
Date: Thu, 22 Feb 2001 17:46:34 -0600  
From: "David Bixler" <qrp@netins.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [92379] RE: MI QRP Website ???  
Message-ID: <IJEEJMKECFBFMJOPDBJNMEEMCEAA.qrp@netins.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Michigan site has been moved to:

<http://www.qsl.net/k8dd/miqrp/miqrp.htm>

Don't know if this is permanent or what.....

72,

Dave

David Bixler                   W0CH - VK2IQX  
Seneca, Missouri  
<http://www.qsl.net/w0ch/> <mailto:w0ch@arrl.net>

QRP: Little Radios, Big Fun!

-----  
Date: Thu, 22 Feb 2001 18:57:58 -0500  
From: "Mark Paley" <mpaley@wcnet.org>  
To: "Low Power Radio Group" <qrp-1@lehigh.edu>  
Subject: [92380] GQPlus allband transceiver  
Message-ID: <PGEPLCEGJDMJPHIGJMDGEEEEBCFAA.mpaley@wcnet.org>  
MIME-Version: 1.0  
Content-Type: text/plain;



charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am wondering if anyone in this group has built the GQPlus allband CW transceiver. You can see it at this URL:

<http://www.qrpproject.de/gqpluse.htm>  
Just curious--don't even know what it costs in terms of US dollars but it sounds pretty neat.

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End of QRP-L Digest 2106  
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